

## NEW ZEALAND DATA SHEET INTEGRILIN SOLUTION FOR INJECTION

### NAME OF MEDICINE

INTEGRILIN

Eptifibatide (20mg in 10mL and 75mg in 100mL) solution for injection.

### PRESENTATION

INTEGRILIN is a clear, colourless solution containing the acetate salt of the active ingredient, eptifibatide, a synthetic cyclic heptapeptide containing six amino acids, including one cysteine amide and one mercaptopropionyl (desamino cysteinyl) residue. It is formulated as a sterile solution for injection in two dosage administration forms, bolus injection and intravenous infusion. The bolus injection is a single dose 10mL vial containing eptifibatide 20mg (2mg/mL) and the solution for intravenous infusion is a single dose 100mL vial containing eptifibatide 75mg (0.75mg/mL). Each vial also contains citric acid monohydrate, sodium hydroxide and water for injections.

### USES

#### **Actions**

Eptifibatide is an inhibitor of platelet aggregation and belongs to the class of RGD (arginine-glycine-aspartate)-mimetics. Eptifibatide reversibly inhibits platelet aggregation by preventing the binding of fibrinogen, von Willebrand factor and other adhesive ligands to the glycoprotein (GP) IIb/IIIa receptors.

Eptifibatide inhibits platelet aggregation in a dose- and concentration-dependent manner as demonstrated by *ex vivo* platelet aggregation using adenosine diphosphate (ADP) and other agonists to induce platelet aggregation. The effect of eptifibatide is observed immediately after administration of a 180µg/kg intravenous bolus. When followed by a 2.0µg/kg/min continuous infusion, this regimen produces a > 80% inhibition of ADP-induced *ex vivo* platelet aggregation, at physiological calcium concentrations, in more than 80% of patients.

Platelet inhibition was readily reversed, with a return of platelet function towards baseline (> 50% platelet aggregation) 4 hours after stopping a continuous infusion of 2.0µg/kg/min. Measurements of ADP-induced *ex vivo* platelet aggregation at physiological calcium concentrations (D-phenylalanyl-L-prolyl-L-arginine chloromethyl ketone [PPACK] as the anticoagulant) in patients presenting with unstable angina (UA) or non-Q-wave myocardial infarction (NQMI) showed a concentration-dependent inhibition with an IC<sub>50</sub> (50% inhibitory concentration) of approximately 550ng/mL and an IC<sub>80</sub> (80% inhibitory concentration) of approximately 1,100ng/mL.

Administration of INTEGRILIN by intravenous bolus and infusion causes up to a 5-fold increase in bleeding time. When administered alone, eptifibatide has no measurable effect on prothrombin time (PT) or activated partial thromboplastin time (aPTT).

#### **Preclinical Data**

Toxicology studies conducted with eptifibatide include single and repeated dose studies in the rat, rabbit and monkey, reproduction studies in the rat and rabbit, *in vitro* and *in vivo* genetic toxicity studies and irritation, hypersensitivity and antigenicity studies. No unexpected toxic effects for an agent with this pharmacological profile were observed and findings were predictive of clinical experience, with bleeding effects being the principal adverse event. No genotoxic effects were observed with eptifibatide.

Teratology studies have been performed by continuous intravenous infusion of eptifibatide in pregnant rats at total daily doses of up to 72mg/kg/day (about 4 times the recommended maximum daily human dose on a body surface area basis) and in pregnant rabbits at total daily doses of up to 36mg/kg/day (about 4 times the recommended maximum daily human dose on a body surface area basis). These studies revealed no evidence of impaired fertility or harm to the foetus due to eptifibatide. Reproduction studies in animal species where eptifibatide shows a similar pharmacological activity as in humans are not available. Consequently these studies are not suitable to evaluate the toxicity of eptifibatide on reproductive function.

## **INDICATIONS**

INTEGRILIN is indicated for patients undergoing non-urgent percutaneous coronary intervention (PCI) with intracoronary stenting for the reduction of death, myocardial infarction, urgent revascularisation and the need for acute antithrombotic rescue therapy.

INTEGRILIN is indicated for the reduction of death and myocardial infarction in patients presenting with unstable angina or non-Q-wave myocardial infarction (chest pain with ST-segment depression >0.5 mm or definitive T-wave inversion >1 mm or transient ST-segment elevation >0.5 mm of less than 30 minutes or persistent ST-segment elevation >0.5 mm not requiring reperfusion therapy or thrombolytic agents, or chest pain in patients without persistent ST-segment elevation with CK-MB greater than the upper limit of normal). INTEGRILIN is indicated in patients who are managed with standard medical therapies and/or with percutaneous coronary intervention.

Patients with unstable angina (UA) or non-Q-wave myocardial infarction (NQMI) who are most likely to benefit from INTEGRILIN treatment are those at high risk of developing myocardial infarction within the first three to four days after onset of acute angina symptoms, including for instance those that are likely to undergo an early PCI.

INTEGRILIN is intended for use with aspirin, heparin and clopidogrel.

## **DOSAGE AND ADMINISTRATION**

This product is for hospital use only, by specialist physicians experienced in the management of acute coronary syndromes or PCI.

INTEGRILIN solution for infusion must be used in conjunction with INTEGRILIN solution for injection.

### Adults (≥ 18 years of age) undergoing Percutaneous Coronary Intervention (PCI):

The recommended dosage of eptifibatide in patients with creatinine clearance ≥50 mL/min (using the Cockcroft-Gault equation)\* is an intravenous bolus of 180 µg/kg administered immediately prior to the procedure, followed by a second bolus of 180 µg/kg 10 minutes after the first bolus injection. Simultaneously with the first bolus, a continuous infusion should be started at a dose of 2.0 µg/kg/min. Continue the infusion until hospital discharge or up to a maximum of 18-24 hours post-PCI. A minimum of 12 hours of infusion is recommended.

### Adults (≥ 18 years of age) undergoing PCI with Creatinine Clearance <50 mL/min:

The recommended adult dosage of eptifibatide in patients with an estimated creatinine clearance <50 mL/min (using the Cockcroft-Gault equation)\* is an intravenous bolus of 180 µg/kg administered immediately before the initiation of the procedure, followed by a second 180 µg/kg bolus administered 10 minutes after the first bolus injection. Simultaneously with the first bolus dose, a continuous infusion should be started at a dose of 1.0 µg/kg/min. Continue the infusion until hospital discharge or up to a maximum of 18 - 24 hours post PCI.

A minimum of 12 hours infusion is recommended.

Adults (≥ 18 years of age) presenting with unstable angina or non-Q-wave myocardial infarction (UA/NQMI):

The recommended dosage of eptifibatide in patients with creatinine clearance ≥50 mL/min (using the Cockcroft-Gault equation)\* is an intravenous bolus of 180 µg/kg administered as soon as possible following diagnosis, followed by a continuous infusion of 2.0µg/kg/min for up to 72 hours, until initiation of coronary artery bypass graft (CABG) surgery, or until discharge from the hospital (whichever occurs first). If PCI is performed during INTEGRILIN therapy for UA/NQMI, continue the infusion for 20-24 hours post-PCI for an overall maximum duration of therapy of 96 hours.

Adults (≥ 18 years of age) presenting with UA/NQMI with Creatinine Clearance <50 mL/min:

The recommended dosage of eptifibatide in patients with UA/NQMI with an estimated creatinine clearance <50 mL/min (using the Cockcroft-Gault equation)\* is an intravenous bolus of 180 µg/kg administered as soon as possible following diagnosis, immediately followed by a continuous infusion of 1.0µg/kg/min for up to 72 hours, until initiation of coronary artery bypass graft (CABG) surgery, or until discharge from the hospital (whichever occurs first). If PCI is performed during INTEGRILIN therapy for UA/NQMI, continue the infusion for 20-24 hours post-PCI for an overall maximum duration of therapy of 96 hours.

\*Use the Cockcroft-Gault equation with actual body weight to calculate the estimated creatinine clearance in mL/min:

$$\text{Males: } \frac{(140 - \text{age in years}) \times (\text{actual body weight in kg})}{72 \times (\text{serum creatinine in mg/dL})}$$

$$\text{Females: } \frac{(140 - \text{age in years}) \times \text{actual body weight in kg} \times (0.85)}{72 \times (\text{serum creatinine in mg/dL})}$$

If the patient requires emergency or urgent cardiac surgery during the course of INTEGRILIN therapy, terminate the infusion immediately. If the patient requires semi-elective surgery, stop the INTEGRILIN infusion at an appropriate time to allow time for platelet function to return towards normal.

***Use with Heparin***

Heparin administration is recommended unless a contraindication (such as a history of thrombocytopenia associated with use of heparin) is present.

- Unstable angina or non-Q-wave myocardial infarction: For a patient who weighs ≥70 kg, it is recommended that a bolus dose of 5,000 units is given, followed by a constant intravenous infusion of 1,000 units/hr. If the patient weighs < 70 kg, a bolus dose of 60 units/kg is recommended, followed by an infusion of 12 units/kg/hr. The activated partial thromboplastin time (aPTT) must be monitored in order to maintain a value between 50 and 70 seconds. There may be an increased risk of bleeding if aPTT values are greater than 70 seconds.
- If PCI is to be performed in the setting of UA/NQMI, monitor the ACT to maintain a value between 300-350 seconds. Stop heparin administration if the ACT exceeds 300 seconds; do not administer until the ACT falls below 300 seconds.
- Non-urgent PCI with intracoronary stenting: For those patients not treated with heparin within 6 hours before intervention, an initial heparin bolus of 60 units/kg is

recommended. The target ACT during the procedure is 200-300 seconds. Additional bolus doses of heparin may be administered during the PCI procedure to maintain the ACT within this range.

## CONTRAINDICATIONS

INTEGRILIN must not be used to treat patients with:

- evidence of gastrointestinal bleeding, gross genitourinary bleeding or other active abnormal bleeding (except menstrual bleeding) within the previous 30 days of treatment;
- a history of stroke within 30 days or any history of haemorrhagic stroke;
- known history of intracranial disease (neoplasm, arteriovenous malformation, aneurism);
- major surgery or severe trauma within past 6 weeks;
- a history of bleeding diathesis;
- thrombocytopenia ( $< 100,000$  cells/mm<sup>3</sup>);
- prothrombin time  $> 1.2$  times control, or International Normalized Ratio (INR)  $\geq 2.0$ ;
- severe hypertension (systolic blood pressure  $> 200$  mm Hg or diastolic blood pressure  $> 110$  mm Hg on antihypertensive therapy);
- dependency on renal dialysis
- clinically significant hepatic impairment;
- concomitant or planned administration of another parenteral GP IIb/IIIa inhibitor;
- hypersensitivity to the active substance or to any of the excipients.

## WARNINGS AND PRECAUTIONS

### *Bleeding*

INTEGRILIN is an antithrombotic agent that acts by inhibition of platelet aggregation, therefore the patient must be observed carefully for indications of bleeding during treatment (see **ADVERSE EFFECTS**). Women, the elderly and patients with low body weight appear to have an increased risk of bleeding. Monitor these patients closely with regard to bleeding. The risk of bleeding is most common at the arterial access site in patients undergoing percutaneous arterial procedures. All potential bleeding sites, e.g. catheter insertion sites; arterial, venous, or needle puncture sites; cutdown sites; gastrointestinal, genitourinary and retroperitoneal sites and central and peripheral nervous system should be observed carefully.

If serious bleeding occurs that is not controllable with pressure, the INTEGRILIN infusion and any heparin that is given concomitantly should be stopped immediately. During the marketing of INTEGRILIN, very rare cases of fatal bleeding have been reported.

Because INTEGRILIN inhibits platelet aggregation, caution must be employed when it is used with other medicinal products that affect haemostasis, including thrombolytics, oral anticoagulants, dextran solutions, adenosine, low molecular weight heparins, sulfinpyrazone, prostacyclin, non-steroidal anti-inflammatory agents, dipyridamole, ticlopidine and clopidogrel.

There is very limited experience with INTEGRILIN and low molecular weight heparins. Thus, co-administration of low molecular weight heparins with INTEGRILIN must be done with caution.

There is limited therapeutic experience with INTEGRILIN in patients for whom thrombolytic therapy is generally indicated (e.g. acute transmural myocardial infarction with new pathological Q-waves or elevated ST-segments or left bundle branch block in the ECG). Consequently the use of INTEGRILIN is not recommended in these circumstances.

Stop the INTEGRILIN infusion immediately if circumstances arise that necessitate thrombolytic therapy or if the patient must undergo an emergency CABG surgery or requires an intraortic balloon pump.

If serious bleeding occurs that is not controllable with pressure, immediately stop the INTEGRILIN infusion and any unfractionated heparin that is given concomitantly.

### **Arterial Procedures**

During treatment with eptifibatide there is a significant increase in bleeding rates, especially in the femoral artery area, where the catheter sheath is introduced. Take care to ensure that only the anterior wall of the femoral artery is punctured. Arterial sheaths may be removed when coagulation has returned to normal, e.g. when activated clotting time (ACT) is less than 180 seconds (usually 2-6 hours after discontinuation of heparin). After removal of the introducer sheath, careful haemostasis must be ensured under close observation.

### **Thrombocytopaenia and Immunogenicity related to GP IIb/IIIa Inhibitors**

INTEGRILIN inhibits platelet aggregation, but does not appear in general to affect the viability of platelets. The incidence of thrombocytopenia was low, and in rarely reported postmarketing instances of immune-mediated thrombocytopenia. The presence of transferable factors in plasma which appear to bind to eptifibatide GP IIb/IIIa receptor implies that an immune-mediated thrombocytopenic response may be seen in GP IIb/IIIa ligand-mimetic agent naïve patients or in patients re-exposed to INTEGRILIN.

The mechanism, whether immune-and/or non-immune mediated, by which eptifibatide may induce thrombocytopenia is not fully understood. Since either repeat exposure with any GP IIb/IIIa ligand-mimetic agent (such as abciximab or eptifibatide) or first-time exposure to a GP IIb/IIIa inhibitor may be associated with immune-mediated thrombocytopenic responses, care should be exercised to observe for possible thrombocytopenia associated with hypotension, and/or other signs of hypersensitivity.

If either a confirmed platelet count decrease to  $<100,000/\text{mm}^3$  or acute profound thrombocytopenia is observed, discontinuation of each treatment medication having known or suspected thrombocytopenic effects, including INTEGRILIN, heparin and clopidogrel, should be immediately considered. Initiate supportive measures including monitoring of serial platelet counts to guide management and determine etiology. If thrombocytopenia is not attributed to eptifibatide, it may be resumed upon normalization of platelet count.

### **Heparin Administration**

INTEGRILIN should be administered in conjunction with heparin (see **DOSAGE AND ADMINISTRATION**, *Use with Heparin*) unless a contraindication to the use of this drug (such as a history of thrombocytopenia associated with use of heparin) is present.

### **Hepatic Impairment**

Experience in patients with hepatic impairment is very limited. Administer with caution to patients with hepatic impairment in whom coagulation could be affected (see **CONTRAINDICATIONS**, prothrombin time).

### **Renal Impairment**

INTEGRILIN may be administered at the standard dose to patients with mild renal impairment ( $\text{CrCl} \geq 50 \text{ mL/min}$  using the Cockcroft-Gault equation)\*. In patients with moderate to severe renal insufficiency (creatinine clearance  $<50 \text{ mL/min}$  using the Cockcroft-Gault equation)\*, the clearance of eptifibatide is reduced by approximately 50% and steady-state plasma levels are approximately doubled. Patients with moderate to severe renal insufficiency who receive the usual infusion dose of  $2.0 \mu\text{g/kg/min}$  have an increased risk of

bleeding. Therefore, the infusion dose should be reduced to 1.0 µg/kg/min in such patients (see **DOSAGE AND ADMINISTRATION** section). There has been no clinical trial experience in patients dependant on dialysis.

### ***Monitoring of Laboratory Values***

The following laboratory tests are recommended before treatment with INTEGRILIN to identify pre-existing haemostatic abnormalities: prothrombin time (PT) and aPTT, serum creatinine, platelet count, haemoglobin and haematocrit levels. Haemoglobin, haematocrit and platelet count are to be monitored as well within 6 hours after start of therapy and at least once daily thereafter while on therapy (or more often if there is evidence of a marked decrease). If the platelet count falls below 100,000/mm<sup>3</sup>, further platelet counts are required to rule out pseudothrombocytopenia. Discontinue unfractionated heparin.

In patients undergoing PCI, also measure the ACT.

Patients must be monitored for bleeding and treated if necessary (see **OVERDOSAGE**).

### ***Carcinogenicity, Mutagenicity and Impairment of Fertility***

The carcinogenic potential of INTEGRILIN has not been evaluated in long-term studies.

INTEGRILIN showed no evidence of genotoxicity in a series of assays for gene mutations and chromosomal damage.

INTEGRILIN had no effect on the fertility of male and female rats at doses of 72 mg/kg/day IV. At the highest doses tested in rats and rabbits, eptifibatide demonstrated no evidence of reproductive toxicity.

### ***Use in Pregnancy***

No clinical studies with INTEGRILIN have been conducted in pregnant women. Reproduction studies in an animal species where eptifibatide shows a similar pharmacological activity as in humans are not available. Therefore, the use of INTEGRILIN during pregnancy is recommended only if the benefit to the mother outweighs the potential risk to the foetus.

### ***Use in Lactation***

It is not known whether INTEGRILIN is excreted in human milk. Breast feeding should be interrupted during the treatment period.

### ***Use in Children***

Safety and efficacy in children and adolescents < 18 years of age have not been established. Therefore, use in patients younger than 18 years of age is not recommended.

## **ADVERSE EFFECTS**

### ***Bleeding***

The majority of undesirable effects experienced by patients treated with INTEGRILIN were related to bleeding, or to cardiovascular events that occur frequently in these patient populations. Major and minor bleeding, as classified by the criteria of the Thrombolysis in Myocardial Infarction (TIMI) study group are defined below:

Major bleeding is defined as either an intracranial haemorrhage or a clinically significant overt haemorrhage (bleeding at an observed site) associated with a drop in haematocrit ≥ 15%, or a drop in haemoglobin ≥ 5g/dL.

Minor bleeding is defined as gross haematuria or haematemesis that does not meet the criteria for a major bleed; or, observed blood loss associated with a drop in haematocrit

≥ 9%, or a drop in haemoglobin of ≥ 3g/dL.

PURSUIT Trial: (unstable angina and non-Q-wave myocardial infarction)

The most common bleeding complications were associated with cardiac invasive procedures (CABG or at femoral artery access site). Major bleeding was infrequent in the PURSUIT trial in the large majority of patients who did not undergo CABG within 30 days of enrolment.

Minor bleeding (TIMI criteria) was the most common complication of INTEGRILIN administration (13.1% INTEGRILIN vs 7.6% placebo at 30 days). CABG related events were the most common (2.8% INTEGRILIN vs 2.7% placebo). Minor bleeding (> 1% INTEGRILIN Group) included genitourinary, femoral artery access, oral/oropharyngeal and gastrointestinal; haemoglobin/haematocrit decreases were reported. Bleeding events were more frequent in patients receiving concurrent heparin while undergoing PCI, when ACT exceeded 350 seconds (see **DOSAGE AND ADMINISTRATION, Use with Heparin**).

Major bleeding (TIMI criteria) was reported more frequently in patients treated with INTEGRILIN (10.8% INTEGRILIN vs 9.3% placebo). However, INTEGRILIN did not appear to increase the risk for intracranial bleeding, which was reported rarely (0.1% INTEGRILIN vs 0.06 % placebo). Bleeding incidence was not increased with INTEGRILIN as compared with placebo in patients who underwent CABG surgery (6.7% vs 6.5% placebo). Major bleeding (> 1% INTEGRILIN Group) included femoral artery access, oral/oropharyngeal, and gastrointestinal; haemoglobin/haematocrit decreases were reported. Genitourinary, retroperitoneal and intracranial bleeding was less common.

The incidence of severe or life-threatening bleeding events with INTEGRILIN was 1.9% INTEGRILIN vs 1.1% with placebo. INTEGRILIN treatment modestly increased the need for blood transfusions (11.8% INTEGRILIN vs 9.3% placebo).

In the subgroup of patients in the PURSUIT trial, who underwent PCI, major bleeding was observed in 9.7% of INTEGRILIN-treated patients vs 4.6% treated with placebo.

ESPRIT trial (Non-urgent PCI with intracoronary stenting):

Minor bleeding (TIMI criteria) was the most common complication of INTEGRILIN administration (2.8% INTEGRILIN vs 1.8% placebo, at 48 hours). Minor bleeding events (> 1% INTEGRILIN Group) included femoral artery access and haematuria. Less frequently occurring (<1% INTEGRILIN Group) were haematemesis and other gastrointestinal related events.

Major bleeding (TIMI criteria) events were uncommon 1.4% INTEGRILIN vs 0.4% placebo (48 hours). INTEGRILIN did not increase the risk of intracranial bleeding, which was uncommon (0.2% INTEGRILIN vs 0.1% placebo). Bleeding incidence was not increased with INTEGRILIN as compared with placebo in patients who underwent CABG surgery (33% vs 50% placebo). Major bleeding (< 1% INTEGRILIN Group) included femoral artery access, retroperitoneal, intracranial, hematuria, haematemesis and genitourinary.

The incidence of severe or life-threatening bleeding events in patients was (0.7% INTEGRILIN vs 0.5% placebo). INTEGRILIN treatment modestly increased the need for red blood cell transfusions (1.4% INTEGRILIN vs 1.0% placebo).

***Other Undesirable Effects***

Commonly reported events (occurring in ≥ 2% across all groups) in PURSUIT were events related to the underlying disease, such as atrial fibrillation, hypotension, congestive heart failure, cardiac arrest and shock. Less common events (occurring in ≥ 1% across all groups) were phlebitis, ventricular fibrillation, atrioventricular block and ventricular tachycardia. There were rare events of cerebral ischaemia (0.4% INTEGRILIN vs 0.5% placebo).

Additional adverse events during use of INTEGRILIN include anaphylaxis, urticaria and rash.

Rare cases of acute profound thrombocytopenia and very rare cases of pulmonary haemorrhage and fatal bleeding have also been reported.

### **Laboratory Values**

Changes during INTEGRILIN treatment result from its known pharmacological action, i.e. inhibition of platelet aggregation. Thus, changes in laboratory parameters associated with bleeding (e.g. bleeding time) are common and expected. No apparent differences were observed between patients treated with INTEGRILIN and placebo in values for liver function (SGOT/AST, SGPT/ALT, bilirubin, alkaline phosphatase) or renal function (serum creatinine, blood urea nitrogen).

### **INTERACTIONS**

INTEGRILIN did not appear to increase the risk of major and minor bleeding associated with concomitant use of warfarin and dipyridamole. INTEGRILIN-treated patients who had a PT > 14.5 seconds and received warfarin concomitantly did not appear to be at an increased risk of bleeding.

Data are limited on the use of INTEGRILIN in patients receiving thrombolytic agents. There was no consistent evidence that INTEGRILIN increased the risk of major or minor bleeding associated with tissue plasminogen activator in either a PCI or an acute myocardial infarction study, however, INTEGRILIN appeared to increase the risk of bleeding when administered with streptokinase in an acute myocardial infarction study.

In an acute myocardial infarction study involving 181 patients, INTEGRILIN (in regimens up to a bolus injection of 180µg/kg, followed by an infusion up to 2µg/kg/min for up to 72 hours) was administered concomitantly with streptokinase (1.5 million units over 60 minutes). At the highest infusion rates (1.3µg/kg/min and 2.0µg/kg/min) studied, INTEGRILIN was associated with an increased incidence of bleeding and transfusions compared to the incidence seen when streptokinase was given alone.

INTEGRILIN should not be administered through an intravenous line with furosemide.

### **OVERDOSAGE**

The experience in humans with overdosage of INTEGRILIN is extremely limited. There was no indication of severe adverse events associated with administration of accidental large bolus doses, rapid infusion reported as overdose or large cumulative doses. In the PURSUIT trial, there were 9 patients who received bolus and/or infusion doses more than double that specified in the protocol, or who were identified by the investigator as having received an overdose. There was no excessive bleeding in any of these patients, except for one patient undergoing CABG surgery, who was reported as having had a moderate bleed. Importantly, no patients experienced an intracranial bleed.

Potentially, an overdose of INTEGRILIN could result in bleeding. Because of its short half-life and rapid clearance, the activity of INTEGRILIN may be halted readily by discontinuing the infusion. Thus, although INTEGRILIN can be dialysed, the need for dialysis is unlikely.

### **PHARMACEUTICAL PRECAUTIONS**

Store at 2°C to 8°C (Refrigerate. Do not freeze.) Protect from light until administration.

INTEGRILIN is not compatible with frusemide.

There are no data on the use of INTEGRILIN in combination with Dextran.

In the absence of compatibility studies, INTEGRILIN must not be mixed with other medicinal products except those mentioned below.

***Instructions for Use and Handling and Disposal***

Physical and chemical compatibility testing indicate that INTEGRILIN may be administered through an intravenous line with atropine sulfate, dobutamine, heparin, lignocaine, meperidine, metoprolol, midazolam, morphine, nitroglycerin, tissue plasminogen activator, or verapamil. INTEGRILIN is compatible with 0.9 % sodium chloride solution for injection and with Dextrose 5 % in Normosol R, in the presence or absence of potassium chloride.

Before using, inspect the vial contents. Do not use if particulate matter or discoloration is present. Protection of INTEGRILIN solution from light is not necessary during administration. Discard any unused material after opening.

**MEDICINE CLASSIFICATION**

Prescription Only Medicine

**PACKAGE QUANTITIES**

Packs containing one single vial

**NAME AND ADDRESS**

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**DATE OF PREPARATION**

26 August, 2011