Product Name: Fondaparinux Sodium

Product Number: F044

CAS Number: 114870-03-0

Molecular Formula: C_{31}H_{43}N_{3}O_{49}S_{8} \cdot 10Na

Molecular Weight: 1728.08

Form: Powder

Appearance: White to off-white powder

Solubility: Sparing soluble in water. Insoluble in ethanol.

Source: Synthetic

Storage Conditions: -20°C

Description: Fondaparinux is sulfated pentasaccharide, an ultra low molecular weight synthetic form of heparin with antithrombotic properties. It is analogous to the pentasaccharide sequence in heparin.

Mechanism of Action: Fondaparinux Sodium binds antithrombin and inhibits factor Xa. Factor Xa is the activated form of the coagulation factor thrombokinase known as the Stuart-Prower factor.

References: