Data Sheet (Cat.No.T28491)



R-1663

Chemical Properties

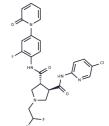
CAS No.: 865451-66-7

Formula: C24H21ClF3N5O3

Molecular Weight: 519.9

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	R-1663 is a factor Xa inhibitor. R-1663 prolonged clotting times, inhibited thrombin
	generation (peak height and endogenous thrombin potential [ETP]) and anti-factor Xa
	activity in a concentration-dependent manner without increasing bleeding time.
	Pharmacodynamic parameters were strongly correlated to R-1663 plasma
	concentrations. The inhibition was more pronounced on peak height (IC ₅₀ = 194 ng/ml)
	than on ETP (2790 ng/ml).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9234 mL	9.6172 mL	19.2345 mL
5 mM	0.3847 mL	1.9234 mL	3.8469 mL
10 mM	0.1923 mL	0.9617 mL	1.9234 mL
50 mM	0.0385 mL	0.1923 mL	0.3847 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Schmitt C, Pannier A, McIntyre C, Zandt H, Ciorciaro C, Winters K, Pepper T. Crossover dose escalation study to assess safety, pharmacokinetics, and pharmacodynamics of single doses of R1663, an oral factor Xa inhibitor, in

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481

Page 1 of 1 www.targetmol.com