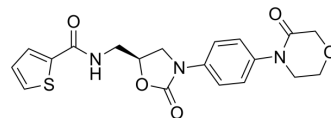


Dechloro Rivaroxaban

Cat. No.:	HY-76971		
CAS No.:	1415566-28-7		
Molecular Formula:	C ₁₉ H ₁₉ N ₃ O ₅ S		
Molecular Weight:	401.44		
Target:	Factor Xa		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (124.55 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4910 mL	12.4552 mL	24.9103 mL
	5 mM	0.4982 mL	2.4910 mL	4.9821 mL
	10 mM	0.2491 mL	1.2455 mL	2.4910 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Dechloro Rivaroxaban is a highly selective, orally active inhibitor of Factor Xa. Dechloro Rivaroxaban inhibits human free FXa with a K_i of 0.4 nM. Dechloro Rivaroxaban inhibits prothrombinase activity and fibrin-associated FXa activity with IC₅₀s of 2.1 nM and 92 nM, respectively^[1].

REFERENCES

[1]. Lang D, et al. In vitro metabolism of rivaroxaban, an oral, direct factor Xa inhibitor, in liver microsomes and hepatocytes of rats, dogs, and humans. Drug Metab Dispos. 2009 May;37(5):1046-55.

Caution: Product has not been fully validated for medical applications. For research use only.

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