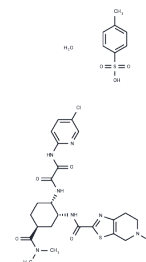


Edoxaban Tosylate Monohydrate

Chemical Properties

CAS No. :	1229194-11-9
Formula:	C ₃₁ H ₄₀ ClN ₇ O ₈ S ₂
Molecular Weight:	738.27
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Edoxaban(DU-176) is an oral factor Xa (FXa) inhibitor in clinical development for stroke prevention.
Targets(IC50)	Factor Xa,Thrombin
In vitro	In thrombosis models involving rats and rabbits, Edoxaban demonstrates a dose-dependent inhibition of thrombus formation. Edoxaban (p.o.) elicits effective anti-Xa activity and achieves high plasma drug concentrations in both rats and monkeys.
In vivo	Edoxaban (0.256 and 0.508 μM) doubles the prothrombin time in human plasma and partially activates the thromboplastin time.

Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 93 mg/mL (125.97 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 3.3 mg/mL (4.47 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3545 mL	6.7726 mL	13.5452 mL
5 mM	0.2709 mL	1.3545 mL	2.709 mL
10 mM	0.1355 mL	0.6773 mL	1.3545 mL
50 mM	0.0271 mL	0.1355 mL	0.2709 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Furugohri T, et al. J Thromb Haemost. 2008, 6(9), 1542-1549.

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:34 Washington Street,Wellesley Hills,MA 02481