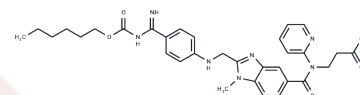


BIBR 1087 SE

Chemical Properties

CAS No. : 212321-78-3
 Formula: C₃₂H₃₇N₇O₅
 Molecular Weight: 599.68
 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	BIBR 1087 SE (Desethyl Dabigatran Etexilate) is a metabolite of dabigatran etexilate.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (166.76 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 (5.5 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	1.6676 mL	8.3378 mL	16.6756 mL
5 mM	0.3335 mL	1.6676 mL	3.3351 mL
10 mM	0.1668 mL	0.8338 mL	1.6676 mL
50 mM	0.0334 mL	0.1668 mL	0.3335 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

Stangier J, et al. Pharmacokinetics and pharmacodynamics of dabigatran etexilate, an oral direct thrombin inhibitor, are not affected by moderate hepatic impairment. J Clin Pharmacol. 2008 Dec;48(12):1411-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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