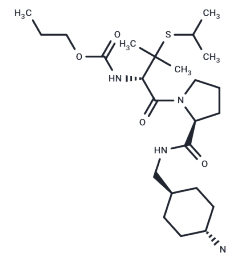


## Sofigatran

## Chemical Properties

CAS No. :	187602-11-5
Formula:	C <sub>24</sub> H <sub>44</sub> N <sub>4</sub> O <sub>4</sub> S
Molecular Weight:	484.7
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	Sofigatran (MCC-977) is an orally active factor IIa (thrombin) inhibitor functioning as an anticoagulant, primarily utilized in cardiovascular disease research.
Targets(IC50)	Others,Thrombin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0631 mL	10.3157 mL	20.6313 mL
5 mM	0.4126 mL	2.0631 mL	4.1263 mL
10 mM	0.2063 mL	1.0316 mL	2.0631 mL
50 mM	0.0413 mL	0.2063 mL	0.4126 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

Ahrens I, et al. New oral anticoagulant drugs in cardiovascular disease. Thromb Haemost. 2010 Jul;104(1):49-60.

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