

Dabigatran Acyl- $\beta$ -D-Glucuronide TFA

## Chemical Properties

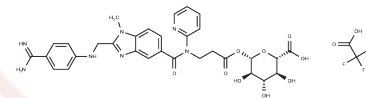
CAS No. :

Formula: C<sub>31</sub>H<sub>33</sub>N<sub>7</sub>O<sub>9</sub>.XCF<sub>3</sub>COOH

Molecular Weight: 647.64

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	Dabigatran acyl- $\beta$ -D-glucuronide, an active metabolite of the thrombin inhibitor dabigatran, is synthesized predominantly through the action of the UDP-glucuronosyltransferase isoform UGT2B15. This compound, at a concentration of 0.46 $\mu$ M, effectively prolongs activated partial thromboplastin time (aPTT) in isolated human platelet-poor plasma.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: Slightly soluble Ethanol: Slightly soluble Methanol: Slightly soluble ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5441 mL	7.7203 mL	15.4407 mL
5 mM	0.3088 mL	1.5441 mL	3.0881 mL
10 mM	0.1544 mL	0.772 mL	1.5441 mL
50 mM	0.0309 mL	0.1544 mL	0.3088 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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