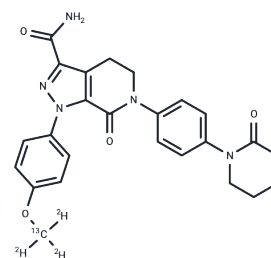


## Apixaban 13C,D3

## Chemical Properties

CAS No. :	1261393-15-0
Formula:	C <sub>25</sub> H <sub>25</sub> N <sub>5</sub> O <sub>4</sub>
Molecular Weight:	463.51
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	Apixaban 13C,D3 is a deuterium labeling of Apixaban (T1736) for isotopic tracing. Apixaban 13C,D3 is a selective inhibitor of coagulation factor Xa and is used in thromboembolism studies
Targets(IC50)	Factor Xa

## Solubility Information

Solubility	DMSO: 3 mg/mL (6.47 mM), Sonication and heating are recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1575 mL	10.7873 mL	21.5745 mL
5 mM	0.4315 mL	2.1575 mL	4.3149 mL
10 mM	0.2157 mL	1.0787 mL	2.1575 mL
50 mM	0.0431 mL	0.2157 mL	0.4315 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

Pinto DJ, et al. Discovery of 1-(4-methoxyphenyl)-7-oxo-6-(4-(2-oxopiperidin-1-yl)phenyl)-4,5,6,7-tetrahydro-1H-pyrazolo[3,4-c]pyridine-3-carboxamide (apixaban, BMS-562247), a highly potent, selective, efficacious, and orally bioavailable inhibitor of blood coagulation factor Xa. J Med Chem. 2007 Nov 1;50(22):5339-56.

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

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