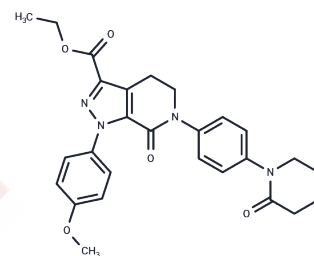


FaX-IN-1

## Chemical Properties

CAS No. : 503614-91-3  
 Formula: C<sub>27</sub>H<sub>28</sub>N<sub>4</sub>O<sub>5</sub>  
 Molecular Weight: 488.54  
 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	FaX-IN-1 has an inhibitory effect on coagulation factor Xa, and it can be used in the study of thrombophlebitis, atherosclerosis, cerebral embolism, stroke and pulmonary embolism.
Targets(IC50)	Factor Xa

## Solubility Information

Solubility	DMSO: 18.33 mg/mL (37.52 mM), Sonication is recommended. ( < 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0469 mL	10.2346 mL	20.4692 mL
5 mM	0.4094 mL	2.0469 mL	4.0938 mL
10 mM	0.2047 mL	1.0235 mL	2.0469 mL
50 mM	0.0409 mL	0.2047 mL	0.4094 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

Ellwanger J B, et al. Analytical quality by design approach for a stability-indicating method to determine apixaban and its related impurities. *Chromatographia*. 2020; 83: 65-75.

**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