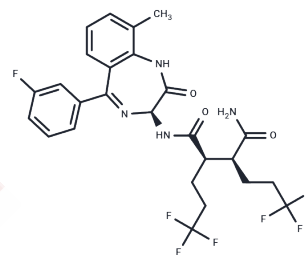


## Notch inhibitor 1

## Chemical Properties

CAS No. :	1584647-27-7
Formula:	C <sub>26</sub> H <sub>25</sub> F <sub>7</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	574.49
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	Notch inhibitor 1 is an effective Notch inhibitor (IC50s: 7.8 and 8.5 nM for Notch 1 and Notch 3, respectively). Notch inhibitor 1 is also used in the research of cancer.
Targets(IC50)	Others,Gamma-secretase
In vitro	Notch inhibitor 1effectively suppresses the Notch signaling pathway.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7407 mL	8.7034 mL	17.4067 mL
5 mM	0.3481 mL	1.7407 mL	3.4813 mL
10 mM	0.1741 mL	0.8703 mL	1.7407 mL
50 mM	0.0348 mL	0.1741 mL	0.3481 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

Ashvinikumar V. Gavai, et al. Bis(fluoroalkyl)-1,4-benzodiazepinone compounds as notch inhibitors. WO2014047372A1.

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