

BMS-983970

## Chemical Properties

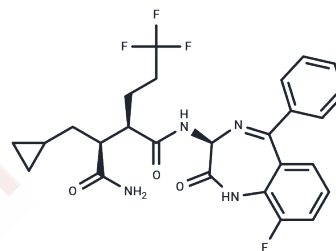
CAS No. : 1584713-87-0

Formula: C<sub>26</sub>H<sub>26</sub>F<sub>4</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 518.5

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	BMS-983970 is an oral inhibitor of pan-Notch, and for the treatment of multiple cancers.
Targets(IC50)	Gamma-secretase
In vivo	BMS-983970 exhibits anti-tumor effects in models of T-cell acute lymphoblastic leukemia (T-ALL) and solid tumor xenografts[1].

## Solubility Information

Solubility	DMSO: 50 mg/mL (96.43 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9286 mL	9.6432 mL	19.2864 mL
5 mM	0.3857 mL	1.9286 mL	3.8573 mL
10 mM	0.1929 mL	0.9643 mL	1.9286 mL
50 mM	0.0386 mL	0.1929 mL	0.3857 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.

## Reference

Ashvinikumar V. Gavai, et al. Abstract 1643: BMS-983970, an oral pan-Notch inhibitor for the treatment of cancer. Cancer Res October 1, 2014 74; 1643.

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