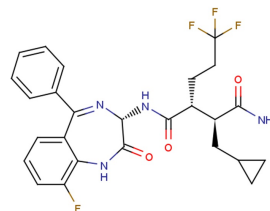


BMS-983970

**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:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	BMS-983970 is an oral inhibitor of pan-Notch, and for the treatment of multiple cancers.
Targets(IC <sub>50</sub> )	Notch: None
In vivo	BMS-983970 demonstrates anti-tumor activity in T-cell acute lymphoblastic leukemia (T-ALL) and solid tumor xenograft models[1].

**Solubility Information**

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

	1mg	5mg	10mg
1 mM	1.929 mL	9.643 mL	19.286 mL
5 mM	0.386 mL	1.929 mL	3.857 mL
10 mM	0.193 mL	0.964 mL	1.929 mL
50 mM	0.039 mL	0.193 mL	0.386 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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