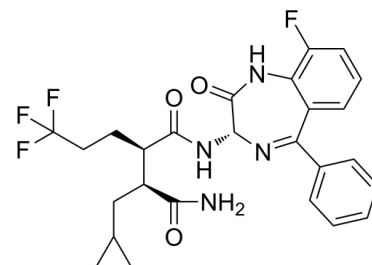


Data Sheet

Product Name:	BMS-983970
Cat. No.:	CS-3505
CAS No.:	1584713-87-0
Molecular Formula:	C ₂₆ H ₂₆ F ₄ N ₄ O ₃
Molecular Weight:	518.50
Target:	Notch
Pathway:	Neuronal Signaling; Stem Cell/Wnt
Solubility:	DMSO : ≥ 50 mg/mL (96.43 mM)



BIOLOGICAL ACTIVITY:

BMS-983970 is an oral pan-**Notch** inhibitor for the treatment of multiple cancers^[1]. IC₅₀ & Target: Notch^[1] *In Vivo*: BMS-983970 demonstrates anti-tumor activity in T-cell acute lymphoblastic leukemia (T-ALL) and solid tumor xenograft models^[1].

References:

[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.

CAIndexNames:

Butanediamide, 3-(cyclopropylmethyl)-N1-[(3S)-9-fluoro-2,3-dihydro-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl]-2-(3,3,3-trifluoropropyl)-, (2R,3S)-

SMILES:

O=C(N[C@@H]1C(NC2=C(F)C=CC=C2C(C3=CC=CC=C3)=N1)=O)[C@H](CCC(F)(F)F)[C@H](CC4CC4)C(N)=O

Caution: Product has not been fully validated for medical applications. For research use only.

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