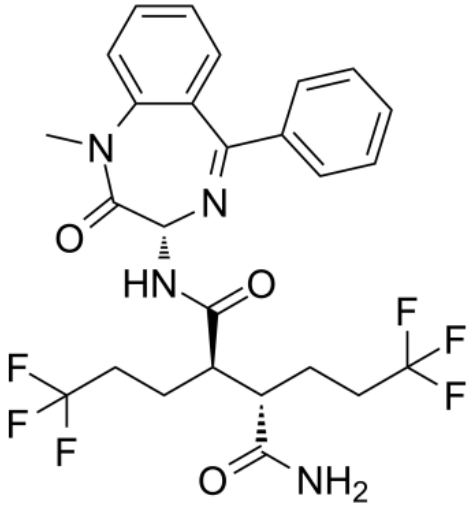
Product Data Sheet

Product Name: BMS-906024
Cat. No.: GC35535

Chemical Properties

Cas. No.	1401066-79-2		
SMILES	O=C(N[C@@H]1C(N(C)C2=CC=CC=C2C(C3=CC=CC=C3)=N1)=O)[C@H](CCC(F)(F)F)[C@H](CCC(F)(F)F)C(N)=O		
Formula	$C_{26}H_{26}F_6N_4O_3$	M.Wt	556.5
Solubility	Soluble in DMSO	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

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BMS-906024 is an oral and selective gamma secretase inhibitor (GSI) that is a small molecule Notch inhibitor[1]. BMS-906024 prevents the activation of all four Notch receptors with a high oral bioavailability with IC50s of 1.6, 0.7, 3.4, and 2.9 nM for Notch1, -2, -3, and -4 receptors, respectively. BMS-906024 demonstrates broad-spectrum antineoplastic activity against a wide array of human cancer xenografts[2]. IC50: 1.6 nM (Notch1), 0.7 nM (Notch2), 3.4 nM (Notch3) and 2.9 nM (Notch4) [2]

[1]. Morgan KM, et al. Gamma Secretase Inhibition by BMS-906024 Enhances Efficacy of Paclitaxel in Lung Adenocarcinoma. Mol Cancer Ther. 2017 Dec;16(12):2759-2769. [2]. Gavai AV, et al. Discovery of Clinical Candidate BMS-906024: A Potent Pan-Notch Inhibitor for the Treatment of Leukemia and Solid Tumors. ACS Med Chem Lett. 2015 Mar 11;6(5):523-7.

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