

Product Name	: BMS-906024
Synonyms	: BMS 906024;BMS906024
Cat No.	: M11672
CAS Number	: 1401066-79-2
Molecular Formula	: C ₂₆ H ₂₆ F ₆ N ₄ O ₃
Formula Weight	: 556.50
Chemical Name	: (2R,3S)-N1-[(3S)-2,3-Dihydro-1-methyl-2-oxo-5-phenyl-1H-1,4-benzodiazepin-3-yl]-2,3-bis(3,3,3-trifluoropropyl)-butanediamide
Description	: BMS-906024 is a highly potent, selective inhibitor of γ-secretase mediated signaling of Notch1/2/3/4 receptors with IC ₅₀ of 1.6/0.7/3.4/2.9 nM, respectively; exhibits >200-fold selectivity against a panel of diverse protein targets; inhibits both leukemia (TALL-1) and triple-negative breast cancer (MDA-MB-468) cells with IC ₅₀ of 0.4 nM, demonstrates broad-spectrum antineoplastic activity against a wide array of human cancer xenografts. Blood Cancer Phase 1 Clinical
Pathway	: Wnt/Notch/Hedgehog
Target	: Notch
Receptor	: Notch
Solubility	: —
SMILES	: CN1C2=CC=CC=C2C(=NC(C1=O)NC(=O)C(CCC(F)(F)F)C(CCC(F)(F)F)C(=O)N)C3=CC=CC=C3
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Gavai AV, et al. ACS Med Chem Lett. 2015 Mar 11;6(5):523-7. | 2. Knoechel B, Cold Spring Harb Mol Case Stud. 2015 Oct;1(1):a000539. et al. | 3. Morgan KM, et al. Mol Cancer Ther. 2017 Dec;16(12):2759-2769.

