

Product Name	: BMS-242
Synonyms	: BMS 242;BMS242
Cat No.	: M12561
CAS Number	: 1675204-51-9
Molecular Formula	: C ₂₈ H ₃₅ NO ₄
Formula Weight	: 449.59
Chemical Name	: (R)-2-((2,6-dimethoxy-4-((2-methyl-[1,1'-biphenyl]-3-yl)methoxy)benzyl)amino)-3-methylbutan-1-ol
Description	: A potent PD-1/PD-L1 interaction inhibitor with IC ₅₀ of 6-100 nM in a homogenous time-resolved fluorescence binding assay.
Pathway	: Immunology/Inflammation
Target	: PD-1/PD-L1
Receptor	: PD-1/PD-L1
Solubility	: —
SMILES	: <chem>CC(C)[C@H](NCC1=C(OC)C=C(OCC2=C(C)C(C3=CC=CC=C3)=CC=C2)C=C1OC)CO</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Guzik K, et al. J Med Chem. 2017 Jul 13;60(13):5857-5867. | 2. Zak KM, et al. Oncotarget. 2016 May 24;7(21):30323-35. | 3. Chupak, L.S., and Zheng, X. Compounds useful as immunomodulators. PCT/US2014/053695, (2015).