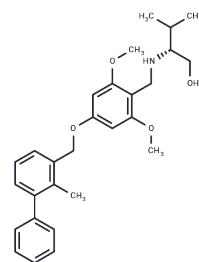


BMS-242

Chemical Properties

CAS No. : 1675204-51-9
 Formula: C₂₈H₃₅NO₄
 Molecular Weight: 449.58
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	BMS-242 is an effective inhibitor of PD-1/PD-L1 interaction.
Targets(IC50)	Others,PD-1/PD-L1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2243 mL	11.1215 mL	22.243 mL
5 mM	0.4449 mL	2.2243 mL	4.4486 mL
10 mM	0.2224 mL	1.1121 mL	2.2243 mL
50 mM	0.0445 mL	0.2224 mL	0.4449 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Guzik K, Zak KM, Grudnik P, Magiera K, Musielak B, Törner R, Skalniak L, Dömling A, Dubin G, Holak TA. Small-Molecule Inhibitors of the Programmed Cell Death-1/Programmed Death-Ligand 1 (PD-1/PD-L1) Interaction via Transiently Induced Protein States and Dimerization of PD-L1. *J Med Chem.* 2017 Jul 13;60(13):5857-5867. doi: 10.1021/acs.jmedchem.7b00293. Epub 2017 Jun 23. PubMed PMID: 28613862.
- Zak KM, Grudnik P, Guzik K, Zieba BJ, Musielak B, Dömling A, Dubin G, Holak TA. Structural basis for small molecule targeting of the programmed death ligand 1 (PD-L1). *Oncotarget.* 2016 May 24;7(21):30323-35. doi: 10.18632/oncotarget.8730. PubMed PMID: 27083005; PubMed Central PMCID: PMC5058683.

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