

N-deacetylated BMS-202

Chemical Properties

CAS No. : 2310135-18-1

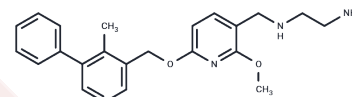
Formula: C₂₃H₂₇N₃O₂

Molecular Weight: 377.48

Store at low temperature

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	N-deacetylated BMS-202 is an inhibitor of PD-1/PD-L1 interactions and has potential anticancer activity for cancer research.
Targets(IC50)	PD-1/PD-L1
In vitro	N-deacetylated BMS-202 disrupts the interaction between PD-1 and PD-L1, potentially enhancing the immune response against various types of tumors. Using antibodies to target PD-L1 and block its binding with PD-1 has proven effective in reactivating and enhancing T cell activation across multiple systems [1].

Solubility Information

Solubility	DMSO: 30 mg/mL (79.47 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5.3 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6491 mL	13.2457 mL	26.4915 mL
5 mM	0.5298 mL	2.6491 mL	5.2983 mL
10 mM	0.2649 mL	1.3246 mL	2.6491 mL
50 mM	0.053 mL	0.2649 mL	0.5298 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

Louis S, et al. Compounds useful as immunomodulators. WO2015034820A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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