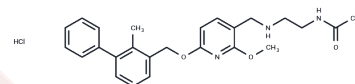


BMS202 hydrochloride (1675203-84-5(free base))

Chemical Properties

CAS No. :	2089334-95-0
Formula:	C ₂₅ H ₃₀ ClN ₃ O ₃
Molecular Weight:	455.97
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	BMS202 hydrochloride (1675203-84-5(free base)) (PD-1/PD-L1 inhibitor 2 hydrochloride) is a small-molecule PD-1/PD-L1 interaction inhibitor (IC ₅₀ : 18 nM). Biophysical studies demonstrate that BMS202 binds directly to PD-L1. Binding of BMS202 promotes PD-L1 dimerisation and blocks the PD-L1/ PD1 interaction.
Targets(IC ₅₀)	PD-1/PD-L1

Solubility Information

Solubility	DMSO: 30 mg/mL (65.79 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1931 mL	10.9656 mL	21.9313 mL
5 mM	0.4386 mL	2.1931 mL	4.3863 mL
10 mM	0.2193 mL	1.0966 mL	2.1931 mL
50 mM	0.0439 mL	0.2193 mL	0.4386 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.

Reference

Zak KM, Structural basis for small molecule targeting of the programmed death ligand 1 (PD-L1). *Oncotarget*. 2016 May 24;7(21):30323-35.

Pardoll DM. The blockade of immune checkpoints in cancer immunotherapy. *Nat Rev Cancer*. 2012 Mar 22;12(4):252-64.

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