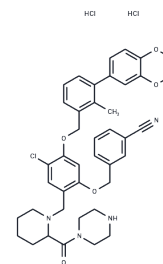


## BMS-1166-n-piperidine-co-n-piperazine dihydrochloride

### Chemical Properties

CAS No. :	2691796-83-3
Formula:	C <sub>41</sub> H <sub>45</sub> Cl <sub>3</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	780.18
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-1166-n-piperidine-co-n-piperazine dihydrochloride, a resorcinol di-Ph ether scaffold-based programmed cell death-1 (PD-1)/programmed cell death ligand 1 (PD-L1) inhibitor, inhibits the PD-1/PD-L1 interaction with an IC <sub>50</sub> of 39.2 nM. It contains the target protein PD-1/PD-L1 ligand and PROTAC linker, which can be used to synthesize PROTAC PD-1/PD-L1 degrader-1 and has anticancer activity. Additionally, it serves as a diluent for the preparation of tablets for direct compression.
Targets(IC <sub>50</sub> )	PD-1/PD-L1, Target Protein Ligand-Linker Conjugates

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2818 mL	6.4088 mL	12.8176 mL
5 mM	0.2564 mL	1.2818 mL	2.5635 mL
10 mM	0.1282 mL	0.6409 mL	1.2818 mL
50 mM	0.0256 mL	0.1282 mL	0.2564 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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