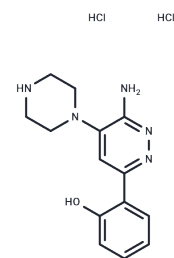


## SMARCA-BD ligand 1 for PROTAC dihydrochloride

### Chemical Properties

CAS No. :	2369053-68-7
Formula:	C <sub>14</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>5</sub> O
Molecular Weight:	344.24
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



### Biological Description

Description	SMARCA-BD ligand 1 for PROTAC dihydrochloride binds to the BAF ATPase subunit SMARCA2 and is used for degrading SMARCA2 based on PROTAC.
Targets(IC50)	Epigenetic Reader Domain,Ligands for Target Protein for PROTAC

### Solubility Information

Solubility	DMSO: 2.4 mg/mL (6.97 mM),Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.905 mL	14.5248 mL	29.0495 mL
5 mM	0.581 mL	2.905 mL	5.8099 mL
10 mM	0.2905 mL	1.4525 mL	2.905 mL
50 mM	0.0581 mL	0.2905 mL	0.581 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

Farnaby W, et al. BAF complex vulnerabilities in cancer demonstrated via structure-based PROTAC design. Nat Chem Biol. 2019 Jul;15(7):672-680.

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