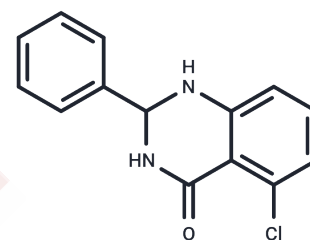


PBRM1-BD2-IN-3

## Chemical Properties

CAS No. : 2819989-58-5  
 Formula: C<sub>14</sub>H<sub>11</sub>ClN<sub>2</sub>O  
 Molecular Weight: 258.7  
 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	PBRM1-BD2-IN-3 (compound 12) is a potent PBRM1-BD2 inhibitor with an IC <sub>50</sub> of 1.1 μM, used in anticancer research.
Targets(IC <sub>50</sub> )	Epigenetic Reader Domain

## Solubility Information

Solubility DMSO: 50 mg/mL (193.27 mM), Sonication is recommended.  
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8655 mL	19.3274 mL	38.6548 mL
5 mM	0.7731 mL	3.8655 mL	7.731 mL
10 mM	0.3865 mL	1.9327 mL	3.8655 mL
50 mM	0.0773 mL	0.3865 mL	0.7731 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

Shishodia S, et al. Selective and Cell-Active PBRM1 Bromodomain Inhibitors Discovered through NMR Fragment Screening. J Med Chem. 2022 Oct 13.

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

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