

BMS-P5

Chemical Properties

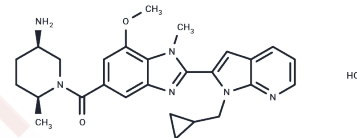
CAS No. : 1549811-36-0

Formula: C₂₇H₃₃ClN₆O₂

Molecular Weight: 509.04

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-P5 is a specific and orally active Peptidylarginine Deiminase 4 (PAD4) inhibitor.
Targets(IC50)	PAD

Solubility Information

Solubility	DMSO: 75 mg/mL (147.34 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	1.9645 mL	9.8224 mL	19.6448 mL
5 mM	0.3929 mL	1.9645 mL	3.929 mL
10 mM	0.1964 mL	0.9822 mL	1.9645 mL
50 mM	0.0393 mL	0.1964 mL	0.3929 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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