

PF-07265028

Chemical Properties

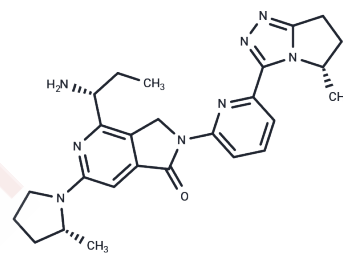
CAS No. : 2736458-30-1

Formula: C₂₆H₃₂N₈O

Molecular Weight: 472.59

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	PF-07265028 is a highly potent and selective small-molecule inhibitor of hematopoietic progenitor cell kinase 1 (HPK1/MAP4K1). By blocking HPK1-mediated signal transduction, PF-07265028 enhances T-cell receptor-associated signaling, thereby lifting immune suppression and promoting antitumor immune responses. PF-07265028 exhibits significant activity at the cellular level (e.g., inhibition of pSLP76, IC ₅₀ approximately 17 nM). PF-07265028 is suitable for use in cancer research.
Targets(IC50)	MAPK

Solubility Information

Solubility	DMSO: 3.34 mg/mL (7.07 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.116 mL	10.580 mL	21.160 mL
5 mM	0.4232 mL	2.116 mL	4.232 mL
10 mM	0.2116 mL	1.058 mL	2.116 mL
50 mM	0.0423 mL	0.2116 mL	0.4232 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

Gallego RA, et al. Discovery of PF-07265028, A Selective Small Molecule Inhibitor of Hematopoietic Progenitor Kinase 1 (HPK1) for the Treatment of Cancer. J Med Chem. 2024;67(24):22002-22038.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481