

DiZPK Hydrochloride (1337883-32-5 free base)

Chemical Properties

CAS No. :

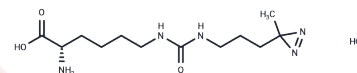
Formula: C₁₂H₂₄ClN₅O₃

Molecular Weight: 321.8

Keep away from direct sunlight

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	DiZPK Hydrochloride is a structural analog of pyrrolysine (Pyl), acting as a photocrosslinker for identifying direct protein-protein interactions in living prokaryotic and eukaryotic cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	DiZPK Hydrochloride is a structural analog of pyrrolysine (Pyl), acting as a photocrosslinker for identifying direct protein-protein interactions in living prokaryotic and eukaryotic cells[1].

Solubility Information

Solubility	H ₂ O: 8.33 mg/mL (25.89 mM),Sonication and heating 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	3.1075 mL	15.5376 mL	31.0752 mL
5 mM	0.6215 mL	3.1075 mL	6.215 mL
10 mM	0.3108 mL	1.5538 mL	3.1075 mL
50 mM	0.0622 mL	0.3108 mL	0.6215 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

Zhang M, et al. A genetically incorporated crosslinker reveals chaperone cooperation in acid resistance. Nat Chem Biol. 2011 Sep 4;7(10):671-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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