

DiZPK

Chemical Properties

CAS No. : 1337883-32-5

Formula: C₁₂H₂₃N₅O₃

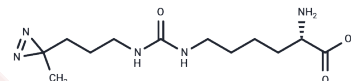
Molecular Weight: 285.34

Storage:

Store at low temperature, Keep away from direct sunlight, Store under nitrogen

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 is an analog of pyrrolysine and acts as a photocrosslinker.
Targets(IC50)	Others, PROTAC Linker
In vitro	DiZPK can be used to identify direct protein-protein interactions in living prokaryotic and eukaryotic cells[1].

Solubility Information

Solubility	H ₂ O: 5 mg/mL (17.52 mM), when pH is adjusted to 7 with NaOH. Sonication is recommended. DMSO: < 1 mg/mL, insoluble or slightly soluble, 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	3.5046 mL	17.523 mL	35.0459 mL
5 mM	0.7009 mL	3.5046 mL	7.0092 mL
10 mM	0.3505 mL	1.7523 mL	3.5046 mL
50 mM	0.0701 mL	0.3505 mL	0.7009 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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