

VUN 00829

## Chemical Properties

CAS No. : 2107273-32-3

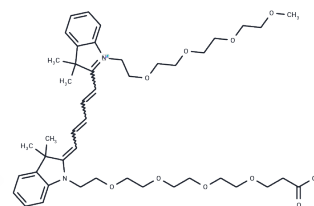
Formula: C45H65ClN2O10

Molecular Weight: 829.47

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	VUN 00829, also known as N-(m-PEG4)-N'-(PEG4-acid)-Cy5 is a near infrared (NIR) fluorescent Cy 5 labeled PEG derivative containing free terminal carboxyl acid. Terminal carboxylic acid can react with primary amine groups in the presence of of activators (e. g. EDC, or DCC) to form a stable amide bond. The hydrophilic PEG spacer increases solubility in aqueous media. Cy5 labeled PEG derivative can be easily traced from its blue color and strong fluorescence. This product has no formal name at the moment. For the convenience of communication, a temporary code name was therefore proposed according to MedKoo Chemical Nomenclature (see web page: <a href="https://www.medkoo.com/page/naming">https://www.medkoo.com/page/naming</a> ).
Targets(IC50)	Others,PROTAC Linker

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2056 mL	6.0279 mL	12.0559 mL
5 mM	0.2411 mL	1.2056 mL	2.4112 mL
10 mM	0.1206 mL	0.6028 mL	1.2056 mL
50 mM	0.0241 mL	0.1206 mL	0.2411 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**

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