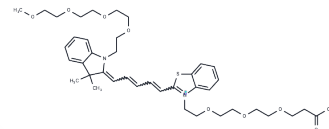


GUN 00775

## Chemical Properties

CAS No. : 2107273-86-7  
 Formula: C40H55ClN2O9S  
 Molecular Weight: 775.4  
 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   | GUN 00775, also known as N-(m-PEG4)-3,3-Dimethyl-3H-indole-N'-(acid-PEG3)-Benzothiazole Cy5, is a PEG derivative containing a cyanine dye with excitation/emission maximum 649/667 nm and a free terminal carboxyl acid. Terminal carboxylic acid can react with primary amine groups in the presence of activators (e.g. EDC, or DCC) to form a stable amide bond. The hydrophilic PEG spacer increases solubility in aqueous media. 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  |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 1.2897 mL | 6.4483 mL | 12.8966 mL |
| 5 mM  | 0.2579 mL | 1.2897 mL | 2.5793 mL  |
| 10 mM | 0.129 mL  | 0.6448 mL | 1.2897 mL  |
| 50 mM | 0.0258 mL | 0.129 mL  | 0.2579 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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