

Product data sheet



MedKoo Cat#: 572798 Name: NUN 00808 CAS: NONE Chemical Formula: C ₃₈ H ₄₂ F ₅ N ₅ O ₉ Exact Mass: 807.2903 Molecular Weight: 807.772		
Product supplied as:	Powder	
Purity (by HPLC):	≥ 98%	
Shipping conditions	Ambient temperature	
Storage conditions:	Powder: -20°C 3 years; 4°C 2 years.	
	In solvent: -80°C 3 months; -20°C 2 weeks.	

1. Product description:

NUN 00808, also known as N-Fmoc-N'-(azido-PEG4)-L-Lysine- PFP ester is a crosslinker containing an Fmoc protected amine and PFP protected amine, an azide group and a lysine. The azide group enables Click Chemistry. The PFP ester is a better leaving group compared to a hydroxyl group and can be used to label the primary amines (-NH₂) of proteins, amine-modified oligonucleotides, and other amine-containing molecules. 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: <https://www.medkoo.com/page/naming>).

2. CoA, QC data, SDS, and handling instruction

SDS and handling instruction, CoA with copies of QC data (NMR, HPLC and MS analytical spectra) can be downloaded from the product web page under “QC And Documents” section. Note: copies of analytical spectra may not be available if the product is being supplied by MedKoo partners. Whether the product was made by MedKoo or provided by its partners, the quality is 100% guaranteed.

3. Solubility data

Solvent	Max Conc. mg/mL	Max Conc. Mm
TBD	TBD	TBD

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	1 mg	5 mg	10 mg
1 mM	1.24 mL	6.19 mL	12.38 mL
5 mM	0.25 mL	1.24 mL	2.48 mL
10 mM	0.12 mL	0.62 mL	1.24 mL
50 mM	0.03 mL	0.12 mL	0.25 mL

5. Molarity Calculator, Reconstitution Calculator, Dilution Calculator

Please refer the product web page under section of “Calculator”

6. Recommended literature which reported protocols for in vitro and in vivo study

In vitro study

TBD

In vivo study

TBD

7. Bioactivity

Biological target:

NUN 00808, also known as N-Fmoc-N'-(azido-PEG4)-L-Lysine- PFP ester is a crosslinker containing an Fmoc protected amine and PFP protected amine, an azide group and a lysine.

In vitro activity

TBD

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In vivo activity

TBD

Note: The information listed here was extracted from literature. MedKoo has not independently retested and confirmed the accuracy of these methods. Customer should use it just for a reference only.