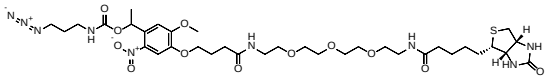
Product data sheet

MedKoo Cat#: 572025 Name: PC Biotin-PEG3-azide CAS: 1937270-46-6 Chemical Formula: $C_{35}H_{55}N_9O_{12}S$ Exact Mass: 825.3691 Molecular Weight: 825.936	
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:
PC Biotin-PEG3-azide is useful for introducing a biotin moiety to alkyne-containing biomolecules using Cu(I)-catalyzed Click Chemistry. Captured biomolecules can be efficiently photoreleased using near-UV, low intensity lamp (e.g. 365 nm lamp at 1-5 mW/cm2).

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
DMSO	50.0	60.54

4. Stock solution preparation table:

Concentration / Solvent Volume / Mass	**1 mg**	**5 mg**	**10 mg**
1 mM	1.21 mL	6.05 mL	12.11 mL
5 mM	0.24 mL	1.21 mL	2.42 mL
10 mM	0.12 mL	0.61 mL	1.21 mL
50 mM	0.02 mL	0.12 mL	0.24 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:
PC Biotin-PEG3-azide is a cleavable 3 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs).

In vitro activity
TBD

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.