

Product Name	: Biotin-PEG4-N3
Synonyms	: —
Cat No.	: M21903
CAS Number	: 875770-34-6
Molecular Formula	: C18H32N6O5S
Formula Weight	: 444.55
Chemical Name	: —
Description	Biotin-C2-PEG3-azide is a biotin with the azide tag, it can be conjugated to antiviral inhibitors, for example, RYL-634, which shows excellent broad-spectrum inhibition activity against various pathogenic viruses, including hepatitis C virus, dengue virus, Zika virus, chikungunya virus, enterovirus. PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.
Pathway	: PROTACs
Target	: PROTAC
Receptor	: PEGs
Solubility	: —
SMILES	: <chem>O=C(NCCOCCOCCOCCN=[N+]=[N-])CCCC[C@@H]1SC[C@]([C@]1([H])N2)([H])NC2=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Yang Y, et al. Discovery, Optimization, and Target Identification of Novel Potent Broad-Spectrum Antiviral Inhibitors. J Med Chem. 2019 Apr 25;62(8):4056-4073.