

Benzyl-PEG3-methyl ester Biochemical | Benzyl-PEG3-methyl biochemical

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CATALOG #
AAA227568

PRODUCT SYNONYMS

Benzyl-PEG3-methyl ester; Benzyl-PEG3-methyl biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	127457-61-8
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	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[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES

{D-Phe}-CY-{D-Trp}-KTCT
(Disulfide bridge:Cys₂-Cys₇) (acetate salt)

Structure
DOTATATE acetate, CAS 177943-89-4

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ADDITIONAL INFORMATION

Related Product Information for Benzyl-PEG3-methyl biochemical	Benzyl-PEG3-methyl ester is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs.
References	1. Jong M, et, al. Combination radionuclide therapy using ¹⁷⁷Lu- and ⁹⁰Y-labeled somatostatin analogs. J Nucl Med. 2005 Jan;46 Suppl 1:13S-7S. 2. Gains JE, et, al. ⁶⁸Ga-DOTATATE and ¹²³I-mIBG as imaging biomarkers of disease localisation in metastatic neuroblastoma: implications for molecular radiotherapy. Nucl Med Commun. 2020 Aug 10. 3. Breeman WAP, et, al. Optimising conditions for radiolabelling of DOTA-peptides with ⁹⁰Y, ¹¹¹In and ¹⁷⁷Lu at high specific activities. Eur J Nucl Med Mol Imaging. 2003 Jun;30(6):917-20. 4. Reubi JC, et, al. Affinity profiles for human somatostatin receptor subtypes SST1-SST5 of somatostatin radiotracers selected for scintigraphic and radiotherapeutic use. Eur J Nucl Med. 2000 Mar;27(3):273-82.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/benzyl-peg3-methyl-ester/227568>