Data Sheet (Cat.No.T20893)

PEG17

Chemical Properties

CAS No. : 4669-05-0

Formula: C32H66O17

Molecular Weight: 706.86

Storage: Keep away from direct sunlight
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	PEG17 is a PEG linker, which may be useful in the development of antibody-drug conjugates.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4147 mL	7.0735 mL	14.1471 mL
5 mM	0.2829 mL	1.4147 mL	2.8294 mL
10 mM	0.1415 mL	0.7074 mL	1.4147 mL
50 mM	0.0283 mL	0.1415 mL	0.2829 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.

Reference

Brown A, Patel S, Ward C, Lorenz A, Ortiz M, DuRoss A, Wieghardt F, Esch A, Otten EG, Heiser LM, Korolchuk VI, Sun C, Sarkar S, Sahay G. PEG-lipid micelles enable cholesterol efflux in Niemann-Pick Type C1 disease-based lysosomal storage disorder. Sci Rep. 2016 Aug 30;6:31750. doi: 10.1038/srep31750. PubMed PMID: 27572704; PubMed Central PMCID: PMC5004151.

Saifer MG, Williams LD, Sobczyk MA, Michaels SJ, Sherman MR. Selectivity of binding of PEGs and PEG-like oligomers to anti-PEG antibodies induced by methoxyPEG-proteins. Mol Immunol. 2014 Feb;57(2):236-46. doi: 10.1016/j.molimm.2013.07.014. Epub 2013 Nov 5. PubMed PMID: 24200843.

Garay RP, El-Gewely R, Armstrong JK, Garratty G, Richette P. Antibodies against polyethylene glycol in healthy subjects and in patients treated with PEG-conjugated agents. Expert Opin Drug Deliv. 2012 Nov;9(11):1319-23. doi: 10.1517/17425247.2012.720969. Epub 2012 Aug 30. PubMed PMID: 22931049.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481