Product Data Sheet

Product Name: Bis-PEG6-acid
Cat. No.: GC60088

Chemical Properties

Cas. No.	119189-70-7		
SMILES	OC(CCOCCOCCOCCOCCOCCOCCC(O)=O)=O		
Formula	$C_{16}H_{30}O_{10}$	M.Wt	382.4
Solubility		Storage	
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure	Bis-PEG6-acid		

Background

Bis-PEG6-acid is a PEG-based PROTAC linker can be used in the synthesis of PROTACs[1].

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]. Zorba A, et al. Delineating the role of cooperativity in the design of potent PROTACs for BTK. Proc Natl Acad Sci U S A. 2018 Jul 31;115(31):E7285-E7292.

Caution: Product has not been fully validated for medical applications. For research use only.
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