Product Data Sheet

Product Name: 3,4-Dibromo-Mal-PEG8-Boc
Cat. No.: GC66518

Chemical Properties

Cas. No.	2055198-02-0		
Formula	$C_{27}H_{45}Br_2NO_{12}$	M.Wt	735.45
Solubility		Storage	Store at -20°C
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	3,4-Dibromo-Mal-PEG8-Boc		

Background

3,4-Dibromo-Mal-PEG8-Boc is a PEG-based PROTAC linker that 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].

[1]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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