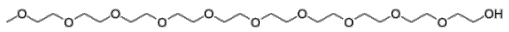
Product Data Sheet

Product Name: m-PEG10-alcohol
Cat. No.: GC66149

Chemical Properties

Cas. No.	27425-92-9		
Formula	$C_{21}H_{44}O_{11}$	M.Wt	472.57
Solubility		Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C 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			



Background

m-PEG10-alcohol (Decaethylene glycol monomethyl ether) is a non-cleavable 10 unit PEG **ADC linker** used in the synthesis of antibody-drug conjugates (ADCs) [1]. m-PEG10-alcohol is also a PEG-based **PROTAC linker** that can be used in the synthesis of PROTACs [1].

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker [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].