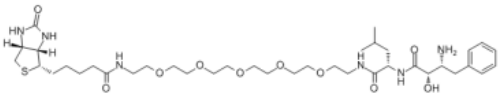
Product Data Sheet

Product Name: Biotin-BS
Cat. No.: GC35522

Chemical Properties

Cas. No.			
SMILES	N[C@@H]([C@@H](C(N[C@@H](CC(C)C)C(NCCOCCOCCOCCOCCOCCNC(CCCC[C@H]1[C@](NC(N2)=O)([H])[C@]2([H])CS1)=O)=O)=O)O)CC3=CC=CC=C3		
Formula	$C_{38}H_{64}N_6O_{10}S$	M.Wt	797.01
Solubility	Soluble in DMSO	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

Biotin-BS contains two different ligands, methyl-bestatin (MeBS) for cIAP1 and biotin, which are connected by linkers. MeBS as a ligand for cellular inhibitor of apoptosis protein 1 (cIAP1) ubiquitin ligase[1].

[1]. Ohoka N, et al. SNIPER(TACC3) induces cytoplasmic vacuolization and sensitizes cancer cells to Bortezomib. Cancer Sci. 2017 May;108(5):1032-1041.

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