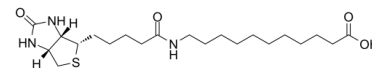


Data Sheet

Product Name:	(+)-Biotin-SLC
Cat. No.:	CS-0116308
CAS No.:	1864003-57-5
Molecular Formula:	C ₂₁ H ₃₇ N ₃ O ₄ S
Molecular Weight:	427.60
Target:	PROTAC Linkers
Pathway:	PROTAC
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

(+)-Biotin-SLC is an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs^[1]. **In Vitro:** 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].

References:

[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

CAIndexNames:

Undecanoic acid, 11-[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]-

SMILES:

O=C(NCCCCCCCCCCC(=O)O)CCCC[C@@H]1SC[C@]([C@]1([H])N2)([H])NC2=O

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

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