

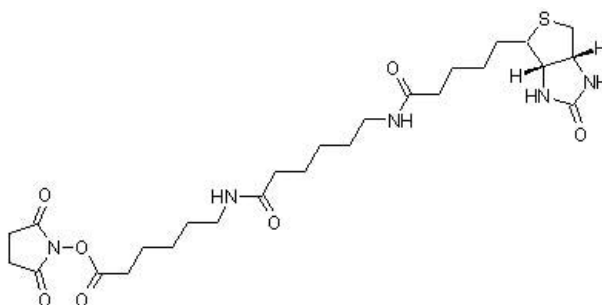
Product datasheet

Biotin-LC-LC-NHS, Biotinylating agent ab145618

1 Image

Overview

Product name	Biotin-LC-LC-NHS, Biotinylating agent
Description	Membrane-permeable, primary amine-reactive, long arm biotinylating agent
Biological description	Membrane-permeable, primary amine-reactive, long arm (30.5 angstroms) biotinylating agent. Labels intracellular proteins. Suitable for use under mild conditions (pH~6.5-8.5). Medium length Biotin-LC-NHS (ab145617) also available.
Purity	> 95%
CAS Number	89889-52-1
Chemical structure	



Properties

Chemical name	(2,5-Dioxopyrrolidin-1-yl) 6-[6-[5-[(3a <i>S</i> ,4 <i>S</i> ,6a <i>R</i>)-2-oxo-1,3,3a,4,6,6a-hexahydrothieno[3,4- <i>d</i>]imidazol-4-yl]pentanoylamino]hexanoylamino]hexanoate
Molecular weight	567.70
Molecular formula	C ₂₆ H ₄₁ N ₅ O ₇ S
PubChem identifier	16219024
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 25 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

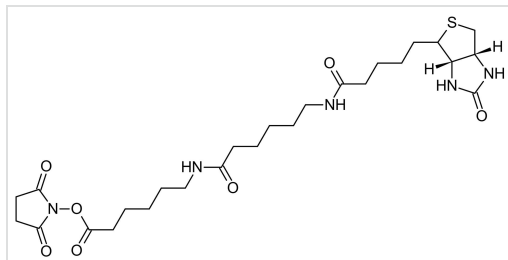
SMILES

C1CC(=O)N(C1=O)OC(=O)CCCCNC(=O)CCCCNC(=O)CCCC[C@H]2[C@@H]3[C@H](CS2)NC(=O)N3

Source

Synthetic

Images



2D chemical structure image of ab145618, Biotin-LC-LC-NHS, Biotinylating agent

Chemical Structure - Biotin-LC-LC-NHS,
Biotinylating agent (ab145618)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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