



Cholesteryl-PEG1000-Biotin

Cat. No.:	OB0626WX-5174
Appearance:	Powder
Purity:	>99%
Size:	25 mg; 50 mg; 100 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Cholesteryl-PEG1000-Biotin is a cholesterol-based PEG conjugate terminated with biotin, integrating a membrane-associating sterol with a high-affinity biotin recognition element through a PEG1000 spacer.
Conjugation	Biotinylated
Synonyms	Cholesteryl biotinyl(polyethyleneglycol)-1000 carbamate; 3077081-50-3
CAS No.	3077081-50-3
Formula	$C_{84}H_{154}N_4O_{26}S$
Formula Weight	1668.22

Specification

Hygroscopic	No
Light Sensitive	No
Stability	1 year
Storage	Storage at -20°C.
Applications	Cholesteryl-PEG1000-Biotin serves as a biotinylated cholesterol probe for affinity-based lipid research and molecular interaction studies. It supports enrichment approaches, lipid interaction analysis, and characterization of cholesterol-associated molecular components.