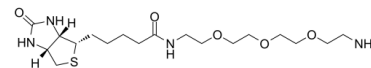


Data Sheet

Product Name:	Amine-PEG3-Biotin
Cat. No.:	CS-0040256
CAS No.:	359860-27-8
Molecular Formula:	C ₁₈ H ₃₄ N ₄ O ₅ S
Molecular Weight:	418.55
Target:	Others
Pathway:	Others
Solubility:	DMSO : 250 mg/mL (597.30 mM; Need ultrasonic); H ₂ O : 100 mg/mL (238.92 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

Amine-PEG3-Biotin is a signal amplification label containing a biotin group and a terminal primary amine group^[1].

References:

[1]. Yin H, et al. Electrochemical immunosensor for N6-methyladenosine detection in human cell lines based on biotin-streptavidin system and silver-SiO₂ signal amplification. Biosens Bioelectron. 2017 Apr 15;90:494-500.

CAIndexNames:

1H-Thieno[3,4-d]imidazole-4-pentanamide, N-[2-[2-[2-(2-aminoethoxy)ethoxy]ethoxy]ethyl]hexahydro-2-oxo-, (3aS,4S,6aR)-

SMILES:

O=C(NCCOCCOCCOCCN)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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