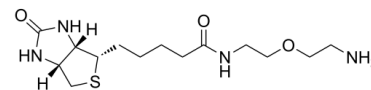


Data Sheet

Product Name:	Biotin-PEG1-NH2
Cat. No.:	CS-0147801
CAS No.:	811442-85-0
Molecular Formula:	C ₁₄ H ₂₆ N ₄ O ₃ S
Molecular Weight:	330.45
Target:	ADC Linker
Pathway:	Antibody-drug Conjugate/ADC Related
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Biotin-PEG1-NH2 is a cleavable 1 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs)^[1]. **In Vitro:** ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker^[1].

References:

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

CAIndexNames:

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

SMILES:

NCCOCCNC(CCCC[C@H]1[C@]2([H])[C@](NC(N2)=O)([H])CS1)=O

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

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA