
Product Data Sheet

Product Name: Amine-PEG3-Biotin

Cat. No.: GC35319

Chemical Properties

Cas. No. 359860-27-8

SMILES O=C(NCCOCCOCCOCCN)CCCC[C@@H]1SC[C@]([C@]1([H])N2)([H])NC2=OFormula C₁₈H₃₄N₄O₅S

M.Wt 418.55

Solubility DMSO: 250 mg/mL (597.30 mM); Water: ≥ 50 mg/mL
(119.46 mM)Storage Store at -
20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Amine-PEG3-Biotin is used as a signal amplification label.

[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.

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

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