
Product Data Sheet

Product Name: Fluorescein-PEG6-NHS ester

Cat. No.: GC66849

Chemical Properties

Cas. No. 1818294-35-7

Formula $C_{40}H_{45}N_3O_{15}S$ M.Wt 839.86

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Fluorescein-PEG6-NHS ester is a PEG-based linker with fluorescein that can be used in the synthesis of PROTACs [1]. Fluorescein-PEG6-NHS ester can be used to construct self-assembled monolayers for application in peptide screening methods [2]. Fluorescein-PEG6-NHS ester can be used to modify magnetic nanoparticles to construct novel magnetic nanoparticle-water gel composite materials [3].

References:

[1] An S, Fu L. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs[J]. EBioMedicine, 2018, 36: 553-562.

[2] Sawada T, Okeya Y, Hashizume M, et al. Screening of peptides recognizing simple polycyclic aromatic hydrocarbons[J]. Chemical Communications, 2013, 49(44): 5088-5090.

[3] Hertle L, Ko H, Gantenbein V, et al. A Covalently Bonded Exchange Coupled Nanomagnet-Based Hydrogel Composite for Microrobotic Applications[J]. Advanced Intelligent Systems, 2025, 7(7): 2400752.

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

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