
Product Data Sheet

Product Name: HOOCCH₂O-PEG₄-CH₂COOH

Cat. No.: GC38105

Chemical Properties

Cas. No. 77855-75-5

SMILES O=C(O)COCCOCCOCCOCCOCC(O)=O

Formula C₁₂H₂₂O₉

M.Wt 310.3

Solubility DMSO : 100 mg/mL (322.27 mM; Need ultrasonic) 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

HOOCCH₂O-PEG₄-CH₂COOH, compound 5, is a symmetric PEG linker, used for the synthesis of the first class of Homo-PROTAC[1].

[1]. Maniaci C, et al. Homo-PROTACs: bivalent small-molecule dimerizers of the VHL E3 ubiquitin ligase to induce self-degradation. Nat Commun. 2017 Oct 10;8(1):830.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA