
Product Data Sheet

Product Name: Acid-PEG3-C2-Boc

Cat. No.: GC60561

Chemical Properties

Cas. No. 1807539-06-5

SMILES CC(C)(C)OC(CCOCCOCCOCCC(O)=O)=OFormula $C_{14}H_{26}O_7$ M.Wt 306.35

Solubility 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**

Acid-PEG3-C2-Boc is a PEG- and Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs for the degradation of EGFR and inhibition of mTOR[1][2].

PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins.

[1]. Nathanael Gray, et al. Bifunctional molecules for degradation of egfr and methods of use. WO2017185036A1. [2]. Christopher Semko, et al. Rapamycin analogs as mtor inhibitors. WO 2018204416 A1.

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