
Product Data Sheet

Product Name: E3 ligase Ligand-Linker Conjugates 12

Cat. No.: GC33000

Chemical Properties

Cas. No. 1797406-80-4

SMILES O=C(N[C@@H](C(C)(C)C)C(N(C[C@H](O)C1)C1)[C@@H]1C(NCC2=CC=C(C(SC=N3)=C3C)C=C2)=O)=O)COCCOCCOCCN=[N+]=[N-]

Formula C₃₀H₄₃N₇O₇S M.Wt 645.77

Solubility DMSO : 50 mg/mL (77.43 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

E3 ligase Ligand-Linker Conjugates 12 is a synthesized compound that incorporates an E3 ligase ligand and a linker used in PROTAC technology.

E3 ligase Ligand-Linker Conjugates 12 is extracted from patent WO/2016/146985A1, figure 11. PROTAC has been developed having structure A-L-B that can tether a bromodomain inhibitor via a moiety which binds to a protein within the bromo- and Extra-terminal (BET) family of proteins to a small molecule E3 ubiquitin ligase protein binding ligand compound via a suitable linker[1][2].

[1]. WO/2016/146985A1 [2]. Zengerle M, et al. Selective Small Molecule Induced Degradation of the BET Bromodomain Protein BRD4. ACS Chem Biol. 2015 Aug 21;10(8):1770-7.

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

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