
Product Data Sheet

Product Name: Methyltetrazine-PEG4-maleimide

Cat. No.: GC61510

Chemical Properties

Cas. No. 1802908-02-6

SMILES O=C(NCCOCCOCCOCCOC1=CC=C(C2=NN=C(C)N=N2)C=C1)CCN3C(C=CC3=O)=O

Formula $C_{24}H_{30}N_6O_7$ M.Wt 514.53

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 Methyltetrazine-PEG4-maleimide

Background

Methyltetrazine-PEG4-maleimide is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

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].

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

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

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