
Product Data Sheet

Product Name: P1
 Cat. No.: GC50106

Chemical Properties

Cas. No. 1461648-55-4

SMILES O=[C@@](NCCCC#C)[C@@H](NC([C@@H](NC(OC(C)(C)C)=O)CC2=CC=CC=C2)=O)CC1=CC=C(OS(C=C)(=O)=O)C=C1

Formula C₃₀H₃₇N₃O₇S M.Wt 583.7

Solubility Soluble in DMSO 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

Protein disulfide isomerase (PDI) inhibitor (IC₅₀ = 1.7 μM). Inhibits proliferation of numerous cancer cell lines. Cell permeable.

Ge et al (2013) Small molecule probe suitable for in situ profiling and inhibition of protein disulfide isomerase ACS Chem.Biol. 8 2577 PMID:24070012 | Xu et al (2013) Protein disulfide isomerase interacts with tau protein and inhibits its fibrillization. PLoS One 8 e76657 PMID:24098548

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

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