
Product Data Sheet

Product Name: C-11
 Cat. No.: GC35574

Chemical Properties

Cas. No. 2007965-97-9

SMILES O=C(N(C)[C@@H](C(C)C)C[C@@H](OC(C)=O)C1=NC(C(N[C@@H](CC2=CC=C(N)C=C2)C[C@H](C)C(O)=O)=O)=CS1)[C@H]([C@@H](C)CC)NC([C@@]3(C)CCCN3C)=O

Formula C₃₈H₅₈N₆O₇S M.Wt 742.97

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

C-11 is a tubulysin-based drug-linker conjugate for ADC, displays cytotoxicity for carcinoma cell lines[1].

C-11 exhibits cytotoxicity for N87 cells and MDA-MB-361-DYT2 cells with IC50s of 1.11 nM and 0.9 nM, respectively[1].

[1]. Leverett CA, et al. Design, Synthesis, and Cytotoxic Evaluation of Novel Tubulysin Analogues as ADC Payloads. ACS Med Chem Lett. 2016 Aug 26;7(11):999-1004.

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

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