
Product Data Sheet

Product Name: PEG4-aminooxy-MMAF

Cat. No.: GC39420

Chemical Properties

Cas. No. 1415246-35-3

SMILES OC([C@H](CC1=CC=CC=C1)NC([C@H](C)[C@H]([C@@]2([H])N(CCC2)C(C[C@@H](OC)[C@H]([C@@H](C)CC)N(C)C([C@H](C(C)C)NC([C@H](C(C)C)N(C)CCOCCOCCOCCON)=O)=O)=O)OC)=O)=O

Formula C₄₇H₈₂N₆O₁₂ M.Wt 923.19

Solubility DMSO: 100 mg/mL (108.32 mM) Storage Store at -20°C, unstable in solution, ready to use.

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

PEG4-aminooxy-MMAF is a drug-linker conjugate for ADC with potent antitumor activity by using the potent antitubulin agent MMAF, linked via the noncleavable PEG4[1].

[1]. Samantha Congreve, et al. Antibody drug conjugates (ADC). Teknisk-naturvetenskaplig fakultet

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

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