
Product Data Sheet

Product Name: Vat-Cit-PAB-Monomethyl Dolastatin 10

Cat. No.: GC38480

Chemical Properties

Cas. No. 1415329-13-3

SMILES CC(C)[C@H](N)C(N[C@@H](CCCNC(N)=O)C(NC1=CC=C(COC(N(C)[C@@H](C(C)C)C(N[C@@H](C(C)C)C(N(C)[C@@H]([C@@H](C)CC)[C@H](OC)CC(N2CCC[C@@H]2[C@H](OC)[C@@H](C)C(N[C@H](C3=NC=CS3)CC4=CC=CC=C4)=O)=O)=O)=O)=O)C=C1)=O

Formula	C ₆₀ H ₉₃ N ₁₁ O ₁₁ S	M.Wt	1176.51
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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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

Vat-Cit-PAB-Monomethyl Dolastatin 10 is a drug-linker conjugate for ADC with potent antitumor activity by using Monomethyl Dolastatin 10 (a potent tubulin inhibitor), linked via the ADC linker Vat-Cit-PAB.

[1]. Chudasama V, et al. Recent advances in the construction of antibody-drug conjugates. Nat Chem. 2016 Feb;8(2):114-9.

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

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