

Product Data Sheet

Product Name: MAL-di-EG-Val-Cit-PAB-MMAF

Cat. No.: GC36531

Chemical Properties

Cas. No.

SMILES CN([C@H](C(N[C@H](C(N([C@H]([C@@H](CC(N1CCC[C@@@]1([H])[C@H](OC)[C@@H](C)C(N[C@@H](CC2=CC=CC=C2)C(O)=O)=O)=O)OC)[C@H](CC(C)C)=O)C(C)C)=O)C(C)C)N(C)C(OCC3=CC=C(NC([C@H](CCCNC(N)=O)NC([C@H](C(C)C)NC(CCOCCOCCNC(CCN4C(C=CC4=O)=O)=O)=O)=O)C=C3)=O

Formula C₇₃H₁₁₃N₁₃O₁₉

M.Wt 1476.75

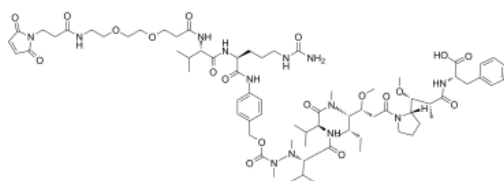
Solubility DMSO: 230 mg/mL (155.75 mM)

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

MAL-di-EG-Val-Cit-PAB-MMAF consists of the ADCs linker (MAL-di-EG-Val-Cit-PAB) and potent tubulin polymerization blocker (MMAF, Monomethyl auristatin F)[1].

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

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[1]. McCombs JR, et al. Antibody drug conjugates: design and selection of linker, payload and conjugation chemistry. AAPS J. 2015 Mar;17(2):339-51.

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