

Product Data Sheet

Product Name: Auristatin E

Cat. No.: GC35429

Chemical Properties

Cas. No. 160800-57-7

SMILES CC(C)[C@H](N(C)C)C(N[C@H](C(N([C@@H]([C@@H](C)CC)[C@@H](CC(N1CCC[C@@@]1([H])[C@H](OC)[C@@H](C)C(N[C@H](C)[C@H](C2=CC=CC=C2)O)=O)=O)OC)C)=O)C(C)C=O

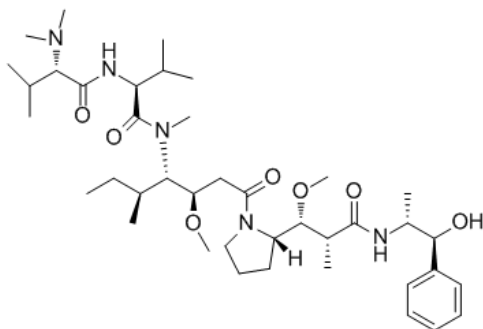
Formula C₄₀H₆₉N₅O₇ M.Wt 732.01

Solubility Soluble in DMSO 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

Auristatin E is a cytotoxic tubulin modifier with potent and selective antitumor activity; MMAE analog and cytotoxin in Antibody-drug conjugates.

[1]. Francisco JA, et al. cAC10-vcMMAE, an anti-CD30-monomethyl auristatin E conjugate with

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

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potent and selective antitumor activity. Blood. 2003 Aug 15;102(4):1458-65. [2]. Li D, et al. DCDT2980S, an anti-CD22-monomethyl auristatin E antibody-drug conjugate, is a potential treatment for non-Hodgkin lymphoma. Mol Cancer Ther. 2013 Jul;12(7):1255-65.

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