

Product Data Sheet

Product Name: Drimentine C

Cat. No.: GC43573

Chemical Properties

Cas. No. 204398-92-5

SMILES O=C([C@@]1([H])N2[C@@]3([H])[C@@](C(C=CC=C4)=C4N3)(C[C@@]5([H])C(CC[C@@]6([H])[C@]5(C)CCCC6(C)C)=C)C1)N(CCC7)[C@]7([H])C2=O

Formula C₃₁H₄₁N₃O₂

M.Wt 487.7

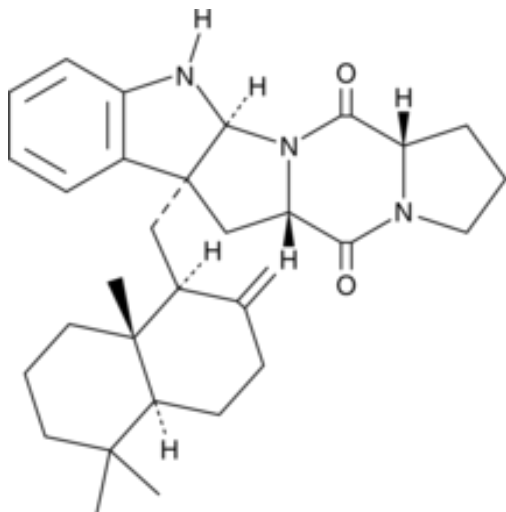
Solubility DMF: soluble, DMSO: soluble, Ethanol: soluble, Methanol: soluble

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

Drimentine C is a terpenylated diketopiperazine antibiotic originally isolated from Actinomycete

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

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bacteria. It inhibits proliferation of NS-1 murine β lymphocyte myeloma cells by 63 and 98% in vitro when used at concentrations of 12.5 and 100 $\mu\text{g/ml}$, respectively.

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