

Product Data Sheet

Product Name: Dihydrochlamydocin

Cat. No.: GC43460

Chemical Properties

Cas. No. 157618-75-2

SMILES O=C(N[C@@H](CCCCC([C@H](O)C)=O)C(=O)N1(C)C=O)[C@]2([H])N(CCC2)C([C@H](CC3=CC=CC=C3)NC1=O)=O

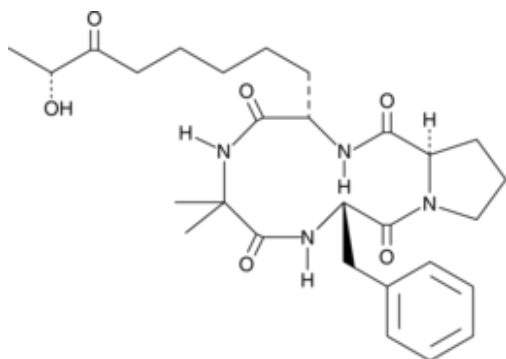
Formula C₂₈H₄₀N₄O₆ M.Wt 528.6

Solubility DMSO: soluble, Ethanol: 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

Dihydrochlamydocin is a cyclic tetrapeptide with putative histone deacetylase (HDAC) inhibitory activity. Naturally derived cyclic tetrapeptides and their synthetic analogs have demonstrated potent antiparasitic and phytotoxic activity by inhibiting HDACs.

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

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