

Product Data Sheet

Product Name: Illudin M
Cat. No.: GC41340

Chemical Properties

Cas. No. 1146-04-9

SMILES O=C1C2=CC(C)(C)[C@H](O)C2=C(C)C3(CC3)[C@]1(O)C

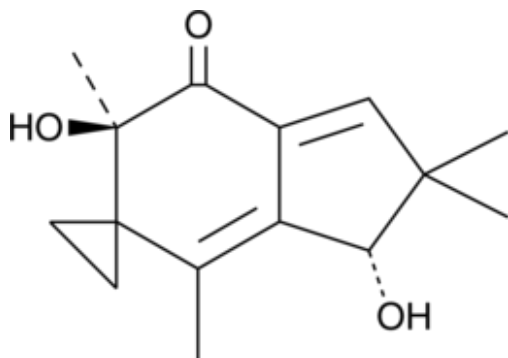
Formula C₁₅H₂₀O₃ M.Wt 248.3

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Illudin M is a cytotoxic sesquiterpene from the fungus *O. illudens* that alkylates DNA. It is cytotoxic to HL-60 human leukemia cells at 6-100 nM. Illudin M was used as a base structure for the development of potential anticancer agents with less toxicity and improved efficacy. It is closely related to illudin S, which has been the focus of additional studies.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA