

Product Data Sheet

Product Name: Quinolactacin A

Cat. No.: GC40004

Chemical Properties

Cas. No. 319917-25-4

SMILES O=C1C2=C([C@@](C(CC)C)([H])NC2=O)N(C)C3=C1C=CC=C3

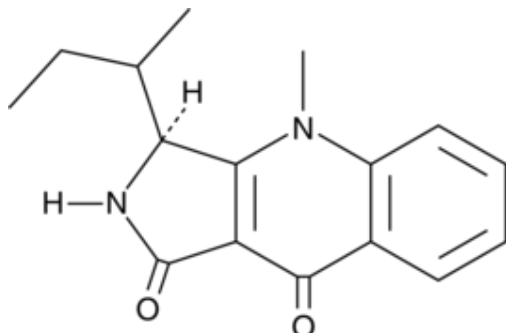
Formula C₁₆H₁₈N₂O₂ M.Wt 270.3

Solubility DMSO: Soluble, Ethanol: 1 mg/ml, 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

Quinolactacin A is a quinolone fungal metabolite originally isolated from *Penicillium*. It inhibits TNF production induced by LPS in murine peritoneal macrophages (IC₅₀ = 12.2 µg/ml). It is not active against a variety of bacteria, fungi, and yeasts. Quinolactacin A is a mixture of quinolactacin A1 and A2.

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