

Product Data Sheet

Product Name: Anthirine
Cat. No.: GC46858

Chemical Properties

Cas. No. 16049-28-8

SMILES C=C[C@@H](CO)[C@@]1([H])CCN([C@@]2([H])C1)CCC3=C2NC4=CC=CC=C43

Formula C₁₉H₂₄N₂O

M.Wt 296.4

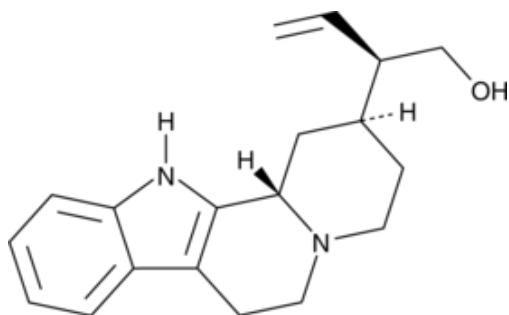
Solubility

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

Anthirine is an alkaloid that has been found in *S. angustiflora* and has analgesic activity.¹ It increases the latency to paw licking in a hot plate test in mice when administered at a dose of 20 mg/kg.

1. Jiang, H., Liu, Y.-B., Li, Y., et al. Analgesic corynanthe-type alkaloids from *Strychnos angustiflora* Tetrahedron 72(10)1276-1284(2016)

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