

Product Data Sheet

Product Name: Circumdatin A

Cat. No.: GC48594

Chemical Properties

Cas. No. 223130-52-7

SMILES O=C1N2C([C@@]3([H])N(CCC3)C(C4=CC(OC)=CC=C42)=O)=NC5=C1C=C(C=CO5)OC

Formula C₂₁H₁₉N₃O₅

M.Wt 393.4

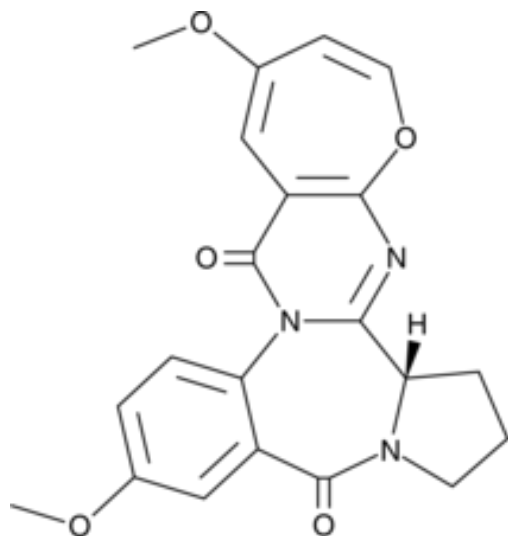
Solubility

Storage -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

Circumdatin A is a benzodiazepine alkaloid fungal metabolite originally isolated from *A. ochraceus*.¹

1. Rahbaek, L., Breinholt, J., Frisvad, J.C., et al. Circumdatin A, B, and C: Three new benzodiazepine

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

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alkaloids isolated from a culture of the fungus *Aspergillus ochraceus* J. Org. Chem. 64(5)1689-1692(1999)

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