

Product Data Sheet

Product Name: Cycloechinulin

Cat. No.: GC40223

Chemical Properties

Cas. No. 143086-29-7

SMILES CC1(C)C2=C(C(C=CC(OC)=C3)=C3N2)/C=C4N(C([C@H](C)NC\4=O)=O)/C=C\1

Formula C₂₀H₂₁N₃O₃

M.Wt 351.4

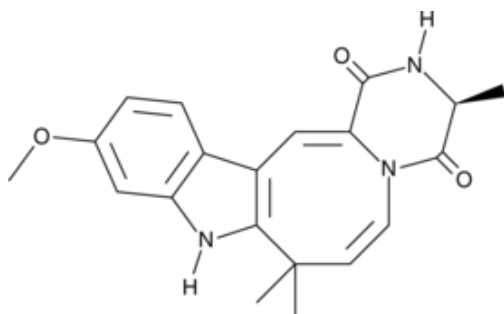
Solubility DMF: soluble, DMSO: soluble, Ethanol: soluble, Methanol: soluble

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

Structure



Background

Cycloechinulin is a diketopiperazine fungal metabolite originally isolated from *A. ochraceus*. It reduces weight gain of corn earworms by 33% compared to controls when used at a dose of 100 ppm in the diet.

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

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