

Product Data Sheet

Product Name: Luteoreticulin

Cat. No.: GC40062

Chemical Properties

Cas. No. 22388-89-2

SMILES C/C(C1=CC(OC)=C(C)C(O1)=O)=C\C(C)=C\C2=CC=C([N+])([O-])=O)C=C2

Formula C₁₉H₁₉NO₅

M.Wt 341.4

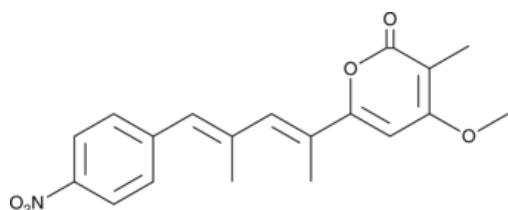
Solubility DMF: soluble, DMSO: soluble

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

Luteoreticulin is a nitro-containing bacterial metabolite originally isolated from *S. luteoreticuli*. It has mosquitocidal activity against *A. aegypti* when used at a concentration of 6.25 mg/L and nematocidal activity against *C. elegans*.

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

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