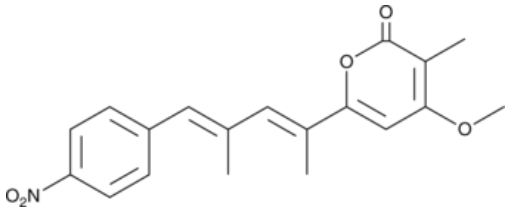
Product Data Sheet

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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