

Triacsin C, Acyl-CoA synthase inhibitor

Catalog	Unit
TBI2109-100UG	100 ug
TBI2109-1MG	1 mg

Product Details

Formal Name: (3E)-1-Hydroxy-3-((2E,4Z,7E)-undeca-2,4,7-triene-1-ylidene)triaz-1-ene

Molecular Formula: C₁₁H₁₇N₃O

Formula Weight: 207.28

CAS Number: 76896-80-5

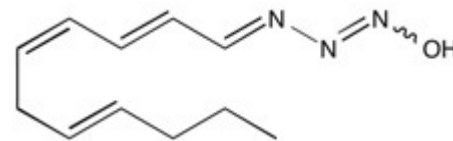
Purity: >90%

Formulation: Soln in DMSO

Solubility: Supplied in Solution in DMSO at a concentration of 1 mg/ml. Maximum solubility in DMSO is 25 mg/ml.

Storage: -20°C

Stability: ≥ 1 year.



Applications

Acyl-CoA synthase inhibitor

Functions

Long-chain fatty acyl CoA synthetase inhibitor (IC₅₀=3.6-8.7 μM). Inhibits mouse macrophage-derived foam cell formation and displays anti-atherosclerotic activity. Cell permeable.

Application Procedures

First dissolved in DMSO, then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.