Triacsin C

Acyl-CoA synthetase inhibitor

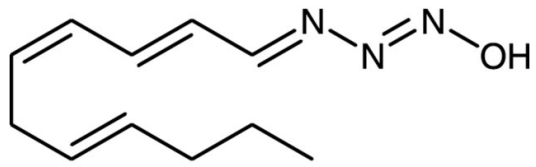
Analog of polyunsaturated fatty acid. Potent inhibitor of long-chain fatty acyl CoA synthetase. Selectively inhibits arachidonoyl-CoA synthetase in intact cells and the nonspecific acyl-CoA synthetase in cell sonicates IC_{50}=3.6-8.7μM. Inhibits neutrophil functions. Blocks β-cell apoptosis induced by fatty acids (lipoapoptosis) and synthesis of triglycerides, diglycerides and cholesterol esters. Potent vasodilator.

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BML-EI218-1000	1mg
BML-EI218-0100	100μg

Manuals, SDS & CofA View Online »

N
N
N
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for up to 1 year after receipt when stored at -20°C.
Handling	Protect from light. Keep under inert gas.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2,4,7-Undecatrienal nitrosohydrazone, 2E,4E,7E-Undecatriene-1-triazene, WS1228A
Appearance	Liquid. In DMSO.
CAS	76896-80-5
Couple Target	Acyl-CoA synthetase
Couple Type	Inhibitor
Formula	$C_{11}H_{17}N_3O$
MW	207.3
Purity	≥90% (TLC)
Solubility	Soluble in DMSO (25mg/ml) or methanol (5mg/ml).
Technical Info / Product Notes	Note: Product is not sterile.

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