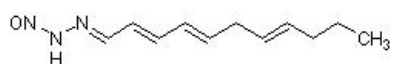


Product datasheet

Triacsin C, acyl-CoA synthetase inhibitor ab141888

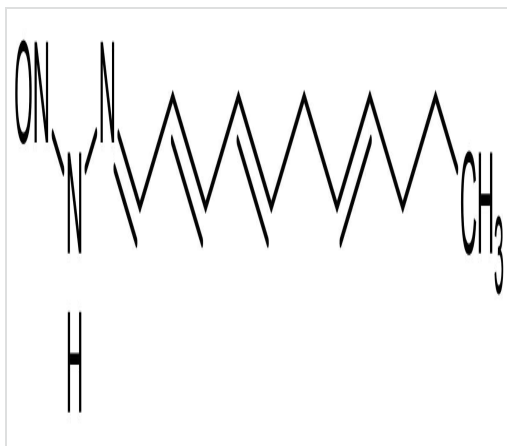
[2 References](#) [2 Images](#)

Overview

Product name	Triacsin C, acyl-CoA synthetase inhibitor
Description	Potent, specific acyl-CoA synthetase inhibitor
Biological description	Potent, specific acyl-CoA synthetase inhibitor (K_i values are 15 nM and 2 μ M for Faa2p and Faa4p respectively). Inhibits synthesis of cholesteryl ester and triacylglycerol <i>in vitro</i> . Vasodilator agent. Orally active. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 90%
CAS Number	76896-80-5
Chemical structure	

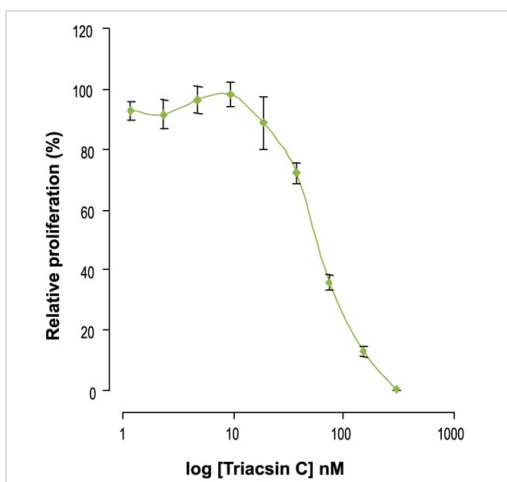
Properties

Chemical name	(2E,4E,7E)-2,4,7-Undecatrienalnitrosohydrazone
Molecular weight	207.30
Molecular formula	C ₁₁ H ₁₇ N ₃ O
PubChem identifier	9576787
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Supplied in DMSO (1 mg/ml)
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CCCC=CCC=CC=CC=NNN=O
Source	<i>Streptomyces aureofaciens</i>



2D chemical structure image of ab141888, Triacsin C, acyl-CoA synthetase inhibitor

Chemical Structure - Triacsin C, acyl-CoA synthetase inhibitor (ab141888)



Triacsin C inhibits the proliferation of 3T3-L1 cells. Cells were treated with different concentrations of Triacsin C (ab141888) for 3 days. The number of live cells was measured by XTT cell proliferation assay kit, normalized to the control (100%) and plotted against the drug concentration.

Functional Studies - Triacsin C, acyl-CoA synthetase inhibitor (ab141888)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- Abcam biochemicals are novel compounds and we have not tested their biological activity in house. Please use the literature to identify how to use these products effectively. If you require further assistance please contact the scientific support team