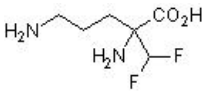


Product datasheet

Difluoromethylornithine, ornithine decarboxylase inhibitor ab142422

1 Image

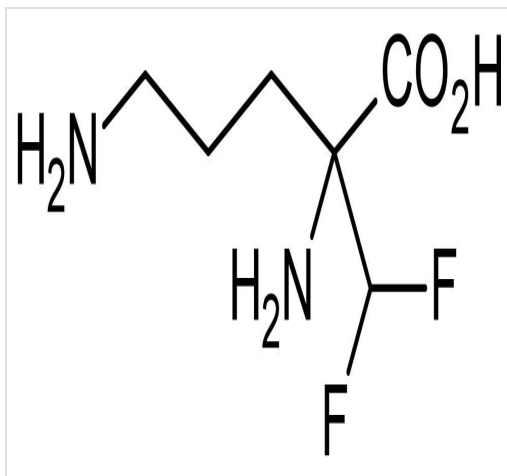
Overview

Product name	Difluoromethylornithine, ornithine decarboxylase inhibitor
Description	Irreversible ornithine decarboxylase inhibitor
Biological description	Potent, irreversible ornithine decarboxylase inhibitor ($K_i = 39 \mu\text{M}$). Depletes polyamines <i>in vitro</i> . Antineoplastic, cytotoxic and trypanocidal agent. Orally active. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	66640-93-5
Chemical structure	

Properties

Chemical name	2,5-Diamino-2-(difluoromethyl)pentanoic acid
Molecular weight	182.17
Molecular formula	$\text{C}_6\text{H}_{12}\text{F}_2\text{N}_2\text{O}_2$
PubChem identifier	3009
Storage instructions	Store at -20°C . Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water
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	<chem>C(CC(C(F)F)(C(=O)O)N)CN</chem>
Source	Synthetic

Images



Chemical Structure - Difluoromethylornithine,
ornithine decarboxylase inhibitor (ab142422)

2D chemical structure image of ab142422, Difluoromethylornithine,
ornithine decarboxylase inhibitor

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

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- 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

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Terms and conditions

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