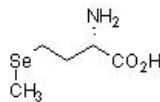


Product datasheet

L-(+)-Selenomethionine, Antioxidant agent ab143694

1 Image

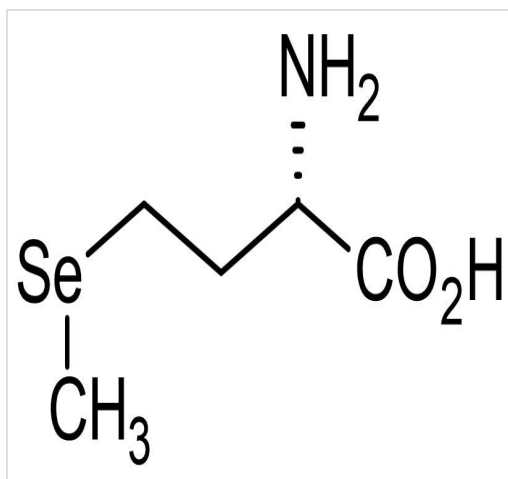
Overview

Product name	L-(+)-Selenomethionine, Antioxidant agent
Description	Antioxidant agent. Glutathione peroxidase inducer.
Biological description	Antioxidant agent. Glutathione peroxidase inducer. Induces apoptosis. Shows antiproliferative effects (IC ₅₀ = 45-130 μM). Mitigates the effects of oxidative stress <i>in vivo</i> . Orally active.
Purity	> 99%
CAS Number	3211-76-5
Chemical structure	

Properties

Chemical name	(2S)-2-Amino-4-(methylseleno)butanoic acid
Molecular weight	196.12
Molecular formula	C ₅ H ₁₁ NO ₂ Se
PubChem identifier	105024
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 to 100 mM
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>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	O=C(O)[C@@H](N)CC[Se]C
Source	Synthetic

Images



2D chemical structure image of ab143694, L-(+)-Selenomethionine,
Antioxidant agent

Chemical Structure - L-(+)-Selenomethionine,
Antioxidant agent (ab143694)

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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