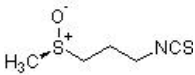


Product datasheet

(-)-Iberin, sulforaphane homolog ab143644

1 Image

Overview

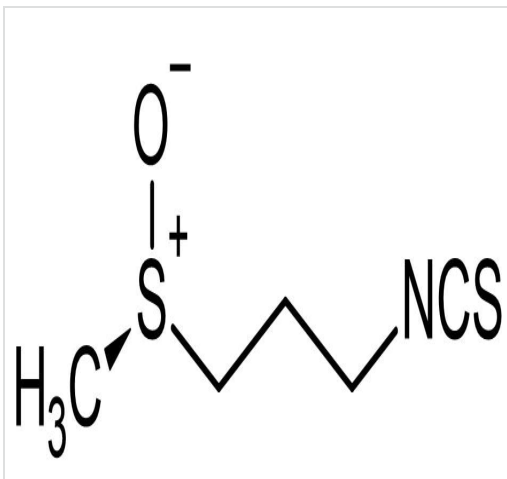
Product name	(-)-Iberin, sulforaphane homolog
Description	Phase II detoxifying enzyme inducer and apoptotic agent
Biological description	Phase II detoxifying enzyme inducer and apoptotic agent. Optically active S-isomer of Iberin (ab141944). Inhibits Cdk2, Cdk4, and Cdk6 expression. Induces Nrf2 nuclear translocation. Inhibits tumor cell growth.
Purity	> 98%
Chemical structure	

Properties

Chemical name	(S)-1-Isothiocyanato-3-methylsulfinylpropane
Molecular weight	163.26
Molecular formula	C ₅ H ₉ NOS ₂
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol and in DMSO
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	[O-][S@+](C)CCC\N=C=S
Source	Synthetic

Images

2D chemical structure image of ab143644, (-)-lberin, sulforaphane homolog



Chemical Structure - (-)-lberin, sulforaphane homolog
(ab143644)

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

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- 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

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