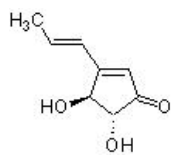


Product datasheet

Terrein, Akt and ERK inhibitor ab144369

Overview

Product name	Terrein, Akt and ERK inhibitor
Description	Bioactive fungal metabolite. Akt and ERK inhibitor
Biological description	Bioactive fungal metabolite. Akt and ERK inhibitor. Blocks NFκB activation. Induces G2/M cell cycle arrest. Inhibits melanogenesis. Shows antiproliferative and anti-inflammatory effects.
Purity	> 98%
CAS Number	582-46-7
Chemical structure	

Properties

Chemical name	(4S,5R)-4,5-Dihydroxy-3-[(E)-prop-1-enyl]cyclopent-2-en-1-one
Molecular weight	154.16
Molecular formula	C ₈ H ₁₀ O ₃
PubChem identifier	6436830
Storage instructions	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
Solubility overview	Soluble 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	C/C=C/C1=CC(=O)[C@@H]([C@H]1O)O
Source	<i>Aspergillus terreus</i>

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

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- 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