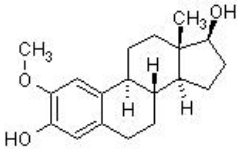


Product datasheet

2-Methoxyestradiol, antitumor and antiangiogenic agent ab120653

Overview

Product name	2-Methoxyestradiol, antitumor and antiangiogenic agent
Description	Potent antitumor and antiangiogenic agent
Biological description	Potent antioxidant. Inhibits angiogenesis <i>in vivo</i> with direct cytotoxic effects seen <i>in vitro</i> . Interacts with endothelial tubulin dynamics and increases the expression of death receptor 5 in endothelial cells. Induces apoptosis by p53 induction <i>via</i> activation of p38/JNK pathways.
Purity	> 98%
CAS Number	362-07-2
Chemical structure	

Properties

Chemical name	(17β)-2-Methoxyestra-1,3,5(10)-triene-3,17-diol
Molecular weight	302.41
Molecular formula	C ₁₉ H ₂₆ O ₃
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO 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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic

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

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- 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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