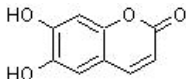


Product datasheet

Esculetin, lipoxygenase inhibitor ab142873

Overview

Product name	Esculetin, lipoxygenase inhibitor
Description	Potent, selective and non-competitive lipoxygenase inhibitor
Biological description	Potent, selective and non-competitive lipoxygenase inhibitor (IC ₅₀ = 650 nM). Inhibits cell proliferation in tumor cells <i>in vitro</i> (IC ₅₀ = 193 μM). Suppresses MMP-9 expression <i>in vitro</i> . Antioxidant and antitumor agent. Active <i>in vivo</i> and <i>in vitro</i> .
Purity	> 98%
CAS Number	305-01-1
Chemical structure	

Properties

Chemical name	6,7-Dihydroxychromen-2-one
Molecular weight	178.14
Molecular formula	C ₉ H ₆ O ₄
PubChem identifier	5281416
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
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	C1=CC(=O)OC2=CC(=C(C=C21)O)O
Source	Synthetic

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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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