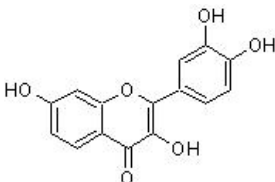


Product datasheet

Fisetin, sirtuin-activating compound (STAC) ab142429

1 Image

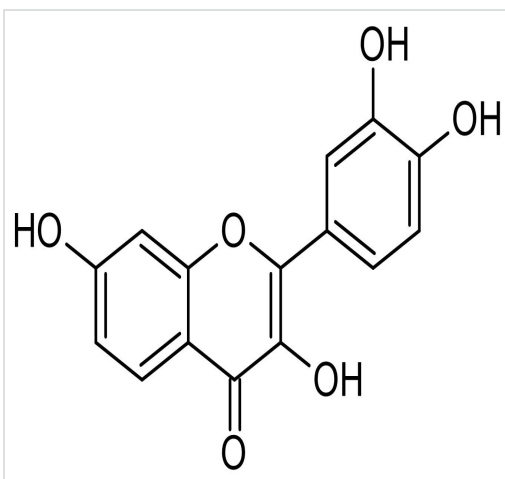
Overview

Product name	Fisetin, sirtuin-activating compound (STAC)
Description	Potent sirtuin-activating compound (STAC). Plant flavonol.
Purity	> 98%
CAS Number	528-48-3
Chemical structure	

Properties

Chemical name	2-(3,4-Dihydroxyphenyl)-3,7-dihydroxychromen-4-one
Molecular weight	286.24
Molecular formula	C ₁₅ H ₁₀ O ₆
PubChem identifier	5281614
Storage instructions	Shipped at room temperature. Store at -20°C.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 10 mM
Handling	Refer to SDS for further information. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>C1=CC(=C(C=C1C2=C(C(=O)C3=C(O2)C=C(C=C3)O)O)O)O</chem>
Source	Synthetic

Images



2D chemical structure image of ab142429, Fisetin, sirtuin-activating compound (STAC)

Chemical Structure - Fisetin, sirtuin-activating compound (STAC) (ab142429)

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

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors
- 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