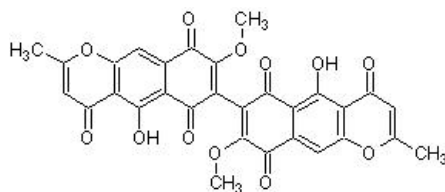


Product datasheet

Aurofusarin, Antibiotic agent ab144199

Overview

Product name	Aurofusarin, Antibiotic agent
Description	Mycotoxin. Antibiotic agent.
Biological description	Mycotoxin. Antibiotic agent. Dimeric naphthoquinone. Red/yellow pigment. Shows toxic effects <i>in vivo</i> . Orally active.
Purity	> 98%
CAS Number	13191-64-5
Chemical structure	



Properties

Chemical name	5-Hydroxy-7-(5-hydroxy-8-methoxy-2-methyl-4,6,9-trioxobenzo[g]chromen-7-yl)-8-methoxy-2-methylbenzo[g]chromene-4,6,9-trione
Molecular weight	570.46
Molecular formula	C ₃₀ H ₁₈ O ₁₂
PubChem identifier	99586
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CC1=CC(=O)C2=C(O1)C=C3C(=C2O)C(=O)C(=C(C3=O)OC)C4=C(C(=O)C5=CC6=C(C(=O)C=C(O6)C)C(=C5C4=O)O)OC

Source*Fusarium graminearum*

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
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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

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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