Product datasheet

Xanthomegnin ab144386

Overview

Product name: Xanthomegnin
Description: Potent iNOS inhibitor
Biological description: Potent iNOS inhibitor (IC\textsubscript{50} = 5.5 \mu M). Shows potent uncoupling effects on mitochondrial oxidative phosphorylation. Stimulates latent ATPase activity.
Purity: > 97%

Properties

Chemical name: 10-Hydroxy-8-(10-hydroxy-7-methoxy-3-methyl-1,6,9-trioxo-3,4-dihydrobenzo[g]isochromen-8-yI)-7-methoxy-3-methyl-3,4-dihydrobenzo[g]isochromene-1,6,9-trione
Molecular weight: 574.49
Chemical structure:

Molecular formula: C\textsubscript{30}H\textsubscript{22}O\textsubscript{12}
CAS Number: 1685-91-2
PubChem identifier: 15519
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: CC1CC2=C(C=C3C(=C2)C(=O)C(=C3=O)C4=C(C(=O)C5=CC6=C(C(=C5C4=O)O)C(=O)O)C(C6)COC(=O)=O)C(=O)O1
Source: Penicillium citreo-viride
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
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