

Product datasheet

Isoorientin, Cyclooxygenase-2 inhibitor ab145014

1 Image

Overview

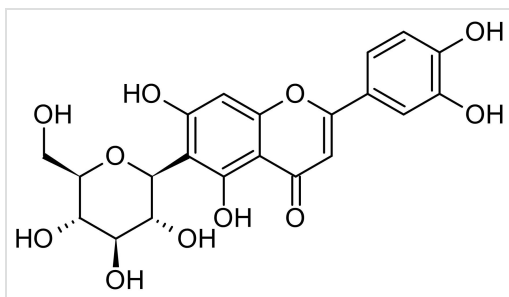
Product name	Isoorientin, Cyclooxygenase-2 inhibitor
Description	Selective Cyclooxygenase-2 (COX-2) inhibitor.
Biological description	C-glycosyl flavone that can be isolated from the passion flower, and several other species of plants. Has anti-inflammatory, antimicrobial and antioxidant properties. Selective Cyclooxygenase-2 (COX-2) inhibitor.
CAS Number	4261-42-1

Chemical structure



Properties

Chemical name	2-(3,4-Dihydroxyphenyl)-6-β-D-glucopyranosyl-5,7-dihydroxy-4H-1-benzopyran-4-one
Molecular weight	448.38
Molecular formula	C ₂₁ H ₂₀ O ₁₁
Storage instructions	Store at -20°C. Store In the Dark. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	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.
Source	Synthetic



2D chemical structure image of ab145014, Isoorientin,
Cyclooxygenase-2 inhibitor

Chemical Structure - Isoorientin, Cyclooxygenase-2
inhibitor (ab145014)

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