
Product Data Sheet

Product Name: Xanthopurpurin

Cat. No.: GC61383

Chemical Properties

Cas. No. 518-83-2

SMILES O=C1C2=C(C=CC=C2)C(C3=CC(O)=CC(O)=C13)=O

Formula $C_{14}H_8O_4$ M.Wt 240.21

Solubility Storage Store at $-20^{\circ}C$, protect from light

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure

Background

Xanthopurpurin, an anthraquinone glycoside, isolated from the roots of *Rubia akane*, shows mainly strong inhibition of collagen-induced platelet aggregation[1].

[1]. M I Chung, et al. Antiplatelet constituents of formosan *Rubia akane*. *J Nat Prod.* 1994 Feb;57(2):313-6.

Caution: Product has not been fully validated for medical applications. For research use only.

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