
Product Data Sheet

Product Name: 1,7-Dihydroxy-2,3-methylenedioxyxanthone

Cat. No.: GC35042

Chemical Properties

Cas. No. 183210-63-1

SMILES O=C1C2=C(OC3=C1C=C(O)C=C3)C=C(OC4=C2)C4=C2OFormula $C_{14}H_8O_6$ M.Wt 272.21

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°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**

1,7-Dihydroxy-2,3-methylenedioxyxanthone is isolated from Polygala cyparissias which is a small herb found in Brazil, Argentina and Uruguay. Polygala cyparissias are used in folk medicine as an anaesthetic[1].

[1]. Klein-Júnior LC, et al. Antihyperalgesic activity of the methanol extract and some constituents obtained from Polygala cyparissias (Polygalaceae). Basic Clin Pharmacol Toxicol. 2012 Sep;111(3):145-53.

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

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