

Product Data Sheet

Product Name: 8-Hydroxycoumarin

Cat. No.: GC61451

Chemical Properties

Cas. No. 2442-31-1

SMILES O=C1C=CC2=CC=CC(O)=C2O1

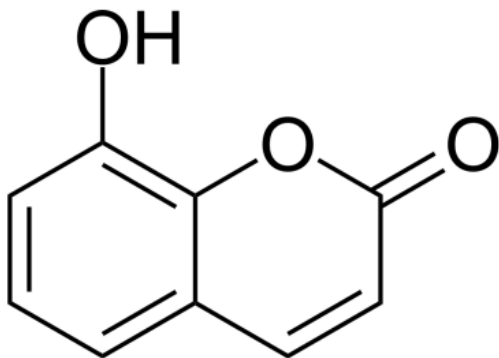
Formula C9H6O3 M.Wt 162.14

Solubility DMSO : 50 mg/mL (308.38 mM; Need ultrasonic) 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

8-Hydroxycoumarin is an intermediate in the microbial transformation of quinolone[1].

[1]. Gao Y, et al. Enhanced degradation of quinoline by coupling microbial electrolysis cell with anaerobic digestion simultaneous [published online ahead of print, 2020 Feb 28]. Bioresour Technol. 2020;306:123077.

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

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