
Product Data Sheet

Product Name: Coumalic acid

Cat. No.: GC61658

Chemical Properties

Cas. No. 500-05-0

SMILES O=C(O)C(C=C1)=COC1=OFormula $C_6H_4O_4$

M.Wt 140.09

Solubility DMSO : 250 mg/mL (1784.57 mM; Need ultrasonic); H_2O : 2 mg/mL (14.28 mM; ultrasonic and warming and heat to 60°C) Store Storage 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**

Coumalic acid is a valuable platform compound which can be prepared from malic acid, can be used in the flavours, fragrances and cosmetics industries, as polymer components, and as pharmaceutical scaffolds displaying anti-bronchial and -malarial activity.

[1] Smith LK, et al. React. Chem. Eng., 2018, 3, 722-732

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

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