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**Product Data Sheet**

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Product Name: m-Coumaric acid

Cat. No.: GC30758

**Chemical Properties**

Cas. No. 588-30-7

SMILES O=C(O)/C=C/C1=CC=CC(O)=C1Formula C<sub>9</sub>H<sub>8</sub>O<sub>3</sub>

M.Wt 164.16

Solubility DMSO : 250 mg/mL (1522.90 mM; Need ultrasonic) Storage Store at 2-8°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**

m-Coumaric acid is a polyphenol metabolite from caffeic acid, formed by the gut microflora and the amount in human biofluids is diet-dependant.

[1]. Ito H, et al. Chlorogenic acid and its metabolite m-coumaric acid evoke neurite outgrowth in hippocampal neuronal cells. Biosci Biotechnol Biochem. 2008 Mar;72(3):885-8.

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

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