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**Product Data Sheet**

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Product Name: (E)-3-(4-Methoxyphenyl)acrylic acid

Cat. No.: GC61692

**Chemical Properties**

Cas. No. 943-89-5

SMILES O=C(O)/C=C/C1=CC=C(OC)C=C1Formula  $C_{10}H_{10}O_3$ 

M.Wt 178.18

Solubility DMSO : 100 mg/mL (561.23 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**

(E)-3-(4-Methoxyphenyl)acrylic acid (compound 3) is isolated from *Arachis hypogaea*, *Scrophularia buergeriana* Miquel, *Aquilegia vulgaris*, *Anigozanthos preissii* and so on. (E)-3-(4-Methoxyphenyl)acrylic acid shows significant hepatoprotective activity, anti-amnesic, cognition-enhancing activity, antihyperglycemic, and neuroprotective activities[1].

[1]. Sirichan Tachai, et al. Uncommon secondary metabolites from *Etlingera pavieana* rhizomes. *Nat Prod Res.* 2016 Oct;30(19):2215-9.

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

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