

Product Data Sheet

Product Name: Monoethyl itaconate

Cat. No.: GC60250

Chemical Properties

Cas. No. 57718-07-7

SMILES C=C(CC(OCC)=O)C(O)=O

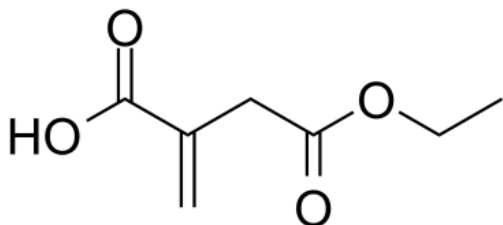
Formula $C_7H_{10}O_4$ M.Wt 158.15

Solubility DMSO : 100 mg/mL (632.31 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

Monoethyl itaconate is a free radical can be used for polymerization[1].

[1]. CÉsar TeijÓn, et al. Swelling properties of copolymeric hydrogels of poly(ethylene glycol) monomethacrylate and monoesters of itaconic acid for use in drug delivery. J Biomed Mater Res B Appl Biomater. 2009 Nov;91(2):716-26.

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

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