
Product Data Sheet

Product Name: 3-Methylbut-2-enoic acid

Cat. No.: GC38360

Chemical Properties

Cas. No. 541-47-9

SMILES C/C(C)=C/C(O)=OFormula $C_5H_8O_2$

M.Wt 100.12

Solubility DMSO: ≥ 100 mg/mL (998.80 mM)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**

Senecioic acid (3-Methylcrotonic acid, 3,3-Dimethylacrylic acid, β -Methylcrotonic Acid) is an unsaturated fatty acid found in the pheromones of mealybug species and appears in the urine of patients with 3-Methylcrotonic aciduria.

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

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