

Product Data Sheet

Product Name: 2-(7-Methoxynaphthalen-1-yl)acetic acid

Cat. No.: GD17813

Chemical Properties

Cas. No. 6836-22-2

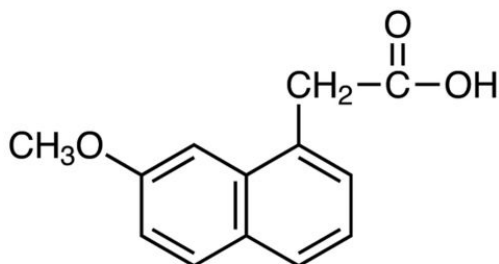
Formula M.Wt

Solubility Storage Store at room temperature

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

7-Methyl-1-naphthyl acetic acid is a potent inhibitor of auxin action in plants. 7-Methyl-1-naphthyl acetic acid inhibits AUX1, PIN, and ABCB protein-mediated auxin transport expressed in yeast. 7-Methyl-1-naphthyl acetic acid can be used in auxin dependent development.

[1]. Tsuda E, et al. Alkoxy-auxins are selective inhibitors of auxin transport mediated by PIN, ABCB, and AUX1 transporters. J Biol Chem. 2011 Jan 21;286(3):2354-64.

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

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