
Product Data Sheet

Product Name: 4-Allyltoluene

Cat. No.: GC61659

Chemical Properties

Cas. No. 3333-13-9

SMILES C=CCC1=CC=C(C)C=C1Formula $C_{10}H_{12}$

M.Wt 132.2

Solubility DMSO : 100 mg/mL (756.43 mM; Need ultrasonic)

Storage 4°C, stored under nitrogen

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**

4-Allyltoluene, an aromatic compound, can elicit antennal olfactory response of Mediterranean fruit fly measured by electroantennography (EAG)[1].

[1]. Tabanca N, et, al. Laboratory Evaluation of Natural and Synthetic Aromatic Compounds as Potential Attractants for Male Mediterranean fruit Fly, *Ceratitis capitata*. *Molecules*. 2019 Jun 29;24(13):2409.

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

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