

Product Data Sheet

Product Name: Methyl propyl disulfide

Cat. No.: GC63489

Chemical Properties

Cas. No. 2179-60-4

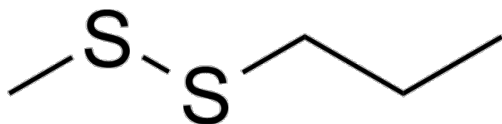
Formula $C_4H_{10}S_2$ M.Wt 122.25

Solubility DMSO : 100 mg/mL (818.00 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

Methyl propyl disulfide is an volatile sulfur-containing compound produced in garlic and onions with anticancer effect[1][2].

[1]. Rajkumar Nandakumar, et al. Impact of Pulsed Electric Fields on the Volatile Compounds Produced in Whole Onions (Allium cepa and Allium fistulosum). Foods. 2018 Nov 7;7(11):183.

[2]. T Matsuda, et al. Dose-dependent inhibition of glutathione S-transferase placental form-positive hepatocellular foci induction in the rat by methyl propyl disulfide and propylene sulfide from garlic and

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

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