

Product Data Sheet

Product Name: (R)-(-)-2-Butanol

Cat. No.: GC61694

Chemical Properties

Cas. No. 14898-79-4

SMILES C[C@@H](O)CC

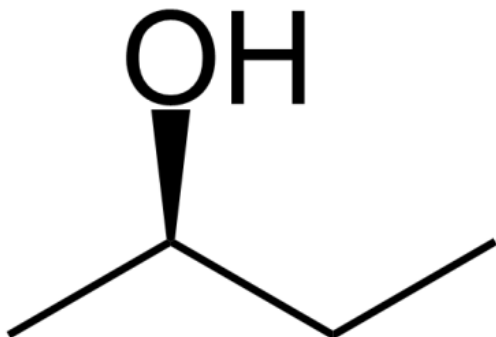
Formula C4H10O M.Wt 74.12

Solubility DMSO : 100 mg/mL (1349.16 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

(R)-(-)-2-Butanol is released by the females of the white grub beetle, *Dasylepida ishigakiensis*, to attract males. (R)-(-)-2-Butanol is an intermediate of pharmaceutical synthesis by coupling[1][2].

[1]. N Fujiwara-Tsujii, et al. Age-dependent changes in the ratio of (R)- and (S)-2-butanol released by virgin females of *Dasylepida ishigakiensis* (Coleoptera: Scarabaeidae). Bull Entomol Res. 2012

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

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Dec;102(6):730-6. [2]. Aram Hong, et al. Induced Circular Dichroism of Jet-Cooled Phenol Complexes with (R)-(-)-2-Butanol. J Phys Chem A. 2019 Oct 17;123(41):8913-8920.

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