

Product Data Sheet

Product Name: trans-4-Hydroxycyclohexanecarboxylic acid

Cat. No.: GC39455

Chemical Properties

Cas. No. 3685-26-5

SMILES O=C([C@@H]1CC[C@@H](O)CC1)O

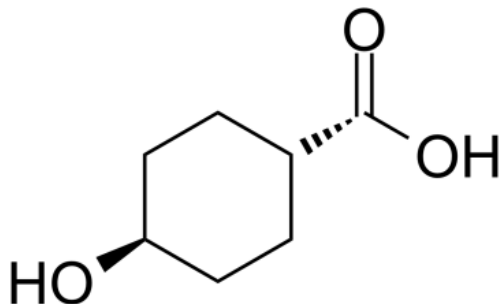
Formula $C_7H_{12}O_3$ M.Wt 144.17

Solubility DMSO : 100 mg/mL (693.63 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

trans-4-Hydroxycyclohexanecarboxylic acid is a substrate for cyclohexanecarboxylic acid production. trans-4-Hydroxycyclohexanecarboxylic acid is the by-product of intestinal bacterial metabolism via urinary excretion[1].

[1]. Montaño A, et al. 4-Hydroxycyclohexanecarboxylic Acid as a Substrate for Cyclohexanecarboxylic Acid Production during the " Zapatera " Spoilage of Spanish-Style Green

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

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Table Olives. J Food Prot. 1996 Jun;59(6):657-662. [2]. Kronick JB, et al. Apparent gastrointestinal origin of cis-4-hydroxycyclohexanecarboxylic acid. Clin Chim Acta. 1983 Aug 15;132(2):205-8.

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