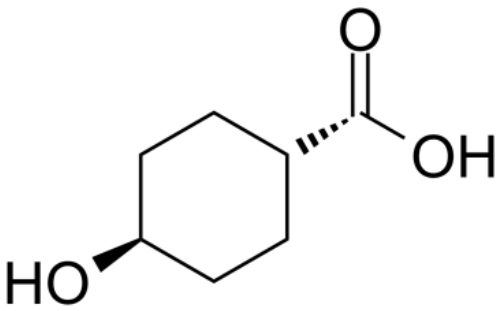
Product Data Sheet

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

Product Data Sheet

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.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA