
Product Data Sheet

Product Name: UMB 68
Cat. No.: GC50186

Chemical Properties

Cas. No. 581099-89-0

SMILES O=C(CCC(C)(O)C)O[Na]

Formula $C_6H_{11}NaO_3$ M.Wt 154.14

Solubility Soluble in DMSO 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

GHB receptor ligand. Exhibits similar receptor affinity as GHB (IC₅₀ for displacement of 3[H]NCS-382 from GHB receptors is 38 μM compared with 25 μM for GHB).

Demonstrates no significant affinity for GABAB receptors and does not exhibit GHB-like behavioral effects in vivo.

Wu et al (2003) A tertiary alcohol analog of γ-hydroxybutyric acid as a specific γ-hydroxybutyric acid receptor ligand. J.Pharmacol.Exp.Ther. 305 675 PMID:12606613

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