
Product Data Sheet

Product Name: CHAPSO
 Cat. No.: GC50272

Chemical Properties

Cas. No. 82473-24-3

SMILES O[C@@H]1CC[C@@]2(C)[C@@](C[C@@H](O)C3[C@@]([H])2C[C@H](O)[C@@]4(C)[C@]([H])3CC[C@@]([H])4[C@]([H])(C)CCC(NCCC[N+](C)(C)CC(O)CS([O-])(=O)=O)=O)([H])C1

Formula C₃₂H₅₈N₂O₈S M.Wt 630.88

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

A zwitterionic nondenaturing detergent for solubilizing membrane proteins.

Cladera et al (1997) Liposome solubilization and membrane protein reconstitution using Chaps and Chapso. Eur.J.Biochem. 243 798 PMID:9057848 | Zhao et al (2014) Detergent-dependent separation of postsynaptic density, membrane rafts and other subsynaptic structures from the synaptic plasma membrane of rat forebrain. J.Neurochem. 131 147 PMID:24985044

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

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