

Product Data Sheet

Product Name: Eprobemide (LIS 630)

Cat. No.: GC30963

Chemical Properties

Cas. No. 87940-60-1

SMILES O=C(NCCCN1CCOCC1)C2=CC=C(Cl)C=C2

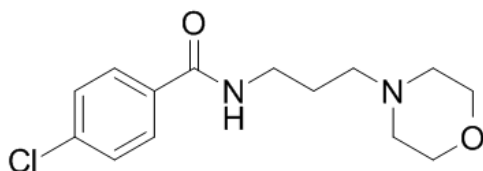
Formula $C_{14}H_{19}ClN_2O_2$ M.Wt 282.77

Solubility DMSO : ≥ 125 mg/mL (442.06 mM) 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

Eprobemide is a non-competitive reversible inhibitor of monoamine oxidase A.

Eprobemide is a pharmaceutical drug that is used as an antidepressant. Eprobemide is a non-competitive reversible inhibitor of monoamine oxidase A that exhibits selective action on serotonin deamination[1][2].

[1]. Gol'dina OA, et al. The action of befol and its derivatives on monoamine oxidase of different

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

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origins. Biull Eksp Biol Med. 1991 Mar;111(3):279-80. [2]. Donskaya, et al. Antidepressant Befol Synthesized Via Interaction of 4-Chloro-N-(3-chloropropyl)benzamide with Morpholine. Pharmaceutical Chemistry Journal, 2004 Jun; 38(7): 381-384.

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