
Product Data Sheet

Product Name: Leptomerine

Cat. No.: GC39052

Chemical Properties

Cas. No. 22048-97-1

SMILES O=C1C=C(CCC)N(C)C2=C1C=CC=C2Formula $C_{13}H_{15}NO$ M.Wt 201.26

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**

Leptomerine, an alkaloid from stems of *Esenbeckia leiocarpa* Engl. (Rutaceae) as potential treatment for Alzheimer Disease. Leptomerine inhibits acetyl cholinesterase (AChE) with an IC50 of 2.5 μM. Anticholinesterasic activity[1].

[1]. Cardoso-Lopes EM, et al. Alkaloids from stems of *Esenbeckia leiocarpa* Engl. (Rutaceae) as potential treatment for Alzheimer disease. *Molecules*. 2010 Dec 13;15(12):9205-13.

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
