

Product Data Sheet

Product Name: Lobelanine

Cat. No.: GC63623

Chemical Properties

Cas. No. 579-21-5

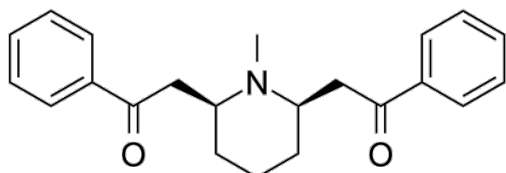
Formula $C_{22}H_{25}NO_2$ M.Wt 335.44

Solubility DMSO : 5.56 mg/mL (16.58 mM); ultrasonic and warming and heat to 60°C) Storage 4°C, protect from light

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

Lobelanine (8,10-Diphenyllobelidione) is a chemical precursor for the biosynthesis of Lobeline. Lobeline is a partial nicotinic agonist and is used as a smoking cessation agent[1][2].

[1]. Guangrong Zheng, Peter A. Crooks. (2015) ChemInform Abstract: Synthesis of Lobeline, Lobelane and Their Analogues. A Review. ChemInform 46:42, pages no-no. [2]. Stead LF, et al. Lobeline for smoking cessation. Cochrane Database Syst Rev. 2012;2012(2):CD000124. Published

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

Product Data Sheet

2012 Feb 15.

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