
Product Data Sheet

Product Name: Piperlotine C

Cat. No.: GC36927

Chemical Properties

Cas. No. 886989-88-4

SMILES COC1=C(C(OC)=CC(/C=C/C(N2CCCC2)=O)=C1)OCFormula C₁₆H₂₁NO₄ M.Wt 291.34

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**

Piperlotine C is an alkaloid isolated from Piper lolot, with anti-platelet aggregation induced by arachidonic acid, and the IC₅₀ is 26.6 µg/mL[1].

[1]. Li CY, et al. Isolation and identification of antiplatelet aggregatory principles from the leaves of Piper lolot. J Agric Food Chem. 2007 Nov 14;55(23):9436-42.

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
