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**Product Data Sheet**

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Product Name: Lirinidine  
Cat. No.: GC60996

**Chemical Properties**

Cas. No. 54383-28-7

SMILES OC1=C(OC)C=C2CCN(C)[C@@]3([H])CC4=CC=CC=C4C1=C23

Formula  $C_{18}H_{19}NO_2$  M.Wt 281.35

Solubility Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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**

Lirinidine ((+)-Lirinidine) is an alkaloid isolated from the leaves of *L. tulipifera* and has antioxidant and anticancer activities. Lirinidine exhibits medium ferric reducing power activity and minor radical scavenging activity in vitro. Lirinidine can be used for cosmetic research[1].

[1]. Ya-Fei Kang, et al. Antioxidant and anticancer constituents from the leaves of *Liriodendron tulipifera*. *Molecules*. 2014 Apr 3;19(4):4234-45.

**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