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**Product Data Sheet**

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Product Name: Epimagnolin B

Cat. No.: GC38618

**Chemical Properties**

Cas. No. 1134188-26-3

SMILES COC1=C(OC)C(OC)=CC([C@@H]2[C@]3([H])[C@]([C@H](C4=CC(OC)=CC(OC)=C4)OC3)([H])CO2)=C1Formula C<sub>23</sub>H<sub>28</sub>O<sub>7</sub> M.Wt 416.46

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**

Epimagnolin B is a bisepoxy lignan isolated from *Magnolia fargesii*, with anti-inflammatory activity and antiallergic effects. Epimagnolin B inhibits NO production in LPS-activated microglia. Epimagnolin B exhibited antiallergic effects[1][2].

Epimagnolin B exhibits antiallergic effects without affecting the viability of BMMCs[1].

[1]. Kim JY, et al. In vitro anti-inflammatory activity of lignans isolated from *Magnolia fargesii*. *Bioorg Med Chem Lett*. 2009 Feb 1;19(3):937-40. [2]. Xing Zhang, et al. Bioassay-guided isolation of bisepoxy lignans from the flower buds of *Magnolia biondii* Pamp and their antiallergic effects. *RSC Advances*. July 2017;7(54):34236-34243.

**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