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**Product Data Sheet**

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Product Name: Gomisin M2

Cat. No.: GC64233

**Chemical Properties**

Cas. No. 82425-45-4

Formula C<sub>22</sub>H<sub>26</sub>O<sub>6</sub> M.Wt 386.44

Solubility 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**

Gomisin M2 ((+)-Gomisin M2) is a lignan isolated from the fruits of Schisandra rubriflora with anti-HIV activity (EC<sub>50</sub> of 2.4 μM). Gomisin M2 exhibits anti-cancer and anti-allergic activities and has the potential for Alzheimer's disease research[1][2].

[1]. Min Chen, et al. Rubrisandrins A and B, Lignans and Related anti-HIV Compounds From Schisandra Rubriflora. J Nat Prod. 2006 Dec;69(12):1697-701.

[2]. Hima Dhakal, et al. Gomisin M2 Inhibits Mast Cell-Mediated Allergic Inflammation via Attenuation of FcεRI-Mediated Lyn and Fyn Activation and Intracellular Calcium Levels. Front Pharmacol. 2019 Aug 2;10:869.

**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