
Product Data Sheet

Product Name: Psoralenoside

Cat. No.: GC64646

Chemical Properties

Cas. No. 905954-17-8

Formula C₁₇H₁₈O₉

M.Wt 366.32

Solubility DMSO : 100 mg/mL (272.99 mM; Need ultrasonic)

Storage 4°C, away from moisture and 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**

Psoralenoside is a benzofuran glycoside from *Psoralea corylifolia*[1]. Psoralenoside exhibits high binding affinities against histaminergic H₁, calmodulin, and voltage-gated L-type calcium channels (E-value \geq -6.5 Kcal/mol)[2]. Psoralenoside shows estrogen-like activity, osteoblastic proliferation accelerating activity, antitumor effects and antibacterial activity[3].

[1]. Chun-Feng Qiao, et al. Psoralenoside and isopsoralenoside, two new benzofuran glycosides from *Psoralea corylifolia*. *Chem Pharm Bull (Tokyo)*. 2006 May;54(5):714-6.

[2]. Muhammad Bilal Riaz, et al. Pharmacological and computational evaluation of fig for therapeutic potential in hyperactive gastrointestinal disorders. *BMC Complement Altern Med*. 2019 Dec 3;19(1):348.

[3]. Yue-Fei Wang, et al. A UPLC-MS/MS method for in vivo and in vitro pharmacokinetic studies of psoralenoside, isopsoralenoside, psoralen and isopsoralen from *Psoralea corylifolia* extract. *J Ethnopharmacol*

Caution: Product has not been fully validated for medical applications. For research use only.

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