

Product Data Sheet

Product Name: Pilloin
Cat. No.: GC60289

Chemical Properties

Cas. No. 32174-62-2

SMILES O=C1C=C(C2=CC=C(OC)C(O)=C2)OC3=CC(OC)=CC(O)=C13

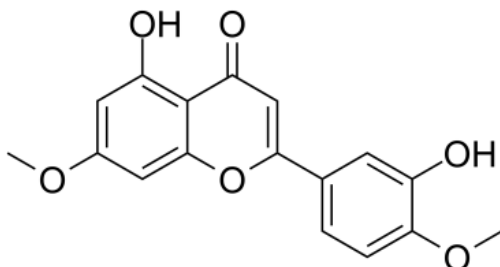
Formula $C_{17}H_{14}O_6$ M.Wt 314.29

Solubility Storage

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

Pilloin, a flavonoid isolated from Marrubium cylleneum, exerts a cytotoxic action targeted at the transformed lymphoblasts. Pilloin also possesses anti-inflammatory activity[1].

[1]. Fotios Michelis, et al. Effects of the Flavonoid Pilloin Isolated from Marrubium cylleneum on Mitogen-Induced Lymphocyte Transformation. Journal Pharmaceutical Biology. 2002. [2]. Yun-Chen

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

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Tsai, et al. Pilloin, A Flavonoid Isolated From Aquilaria sinensis, Exhibits Anti-Inflammatory Activity In Vitro and In Vivo. Molecules. 2018 Dec 2;23(12):3177.

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