

Product Data Sheet

Product Name: Alpinetin
Cat. No.: GC35308

Chemical Properties

Cas. No. 36052-37-6

SMILES O=C1C[C@@H](C2=CC=CC=C2)OC3=CC(O)=CC(OC)=C13

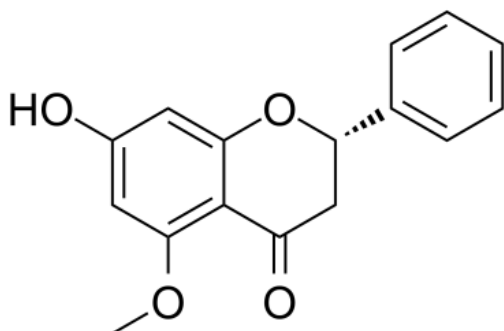
Formula $C_{16}H_{14}O_4$ M.Wt 270.28

Solubility DMSO: 50 mg/mL (184.99 mM) 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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Alpinetin is a flavonoid isolated from *Alpinia katsumadai* Hayata, activates activates PPAR-γ, with potent anti-inflammatory activity[1]. PPAR-γ

[1]. Hu K, et al. Alpinetin inhibits LPS-induced inflammatory mediator response by activating PPAR-γ in THP-1-derived macrophages. *Eur J Pharmacol.* 2013 Dec 5;721(1-3):96-102.

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