

Product Data Sheet

Product Name: Epigoitrin

Cat. No.: GC38409

Chemical Properties

Cas. No. 1072-93-1

SMILES S=C1O[C@H](C=C)CN1

Formula C_5H_7NOS M.Wt 129.18

Solubility DMSO: 8.33 mg/mL (64.48 mM) 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.

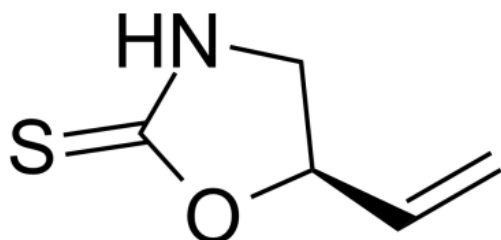
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Structure



Background

Epigoitrin is a natural alkaloid from *Isatis indigotica*, with antiviral activities. Epigoitrin reduces susceptibility to influenza virus via mitochondrial antiviral signaling[1][2].

[1]. Luo Z, et al. Epigoitrin, an Alkaloid From *Isatis indigotica*, Reduces H1N1 Infection in Stress-Induced Susceptible Model in vivo and in vitro. *Front Pharmacol.* 2019 Feb 7;10:78. [2]. Xiao P, et al. Antiviral activities against influenza virus (FM1) of bioactive fractions and representative compounds extracted from Banlangen (*Radix Isatidis*). *J Tradit Chin Med.* 2016 Jun;36(3):369-76.

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