
Product Data Sheet

Product Name: Isomucronulatol

Cat. No.: GC39099

Chemical Properties

Cas. No. 52250-35-8

SMILES OC1=CC=C2CC(C3=CC=C(OC)C(OC)=C3O)COC2=C1

Formula C₁₇H₁₈O₅

M.Wt 302.32

Solubility DMSO : 100 mg/mL (330.78 mM; Need ultrasonic) 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 size: ship with RT , or blue ice upon request.

Structure

Background

Isomucronulatol is a flavonoid isolated from the roots of *A. membranaceus*.

Isomucronulatol exhibits inhibitory effects on LPS-stimulated production IL-12 p40 in vitro and has potential anti-inflammatory effect[1].

[1]. Li W, et al. Flavonoids from *Astragalus membranaceus* and their inhibitory effects on LPS-stimulated pro-inflammatory cytokine production in bone marrow-derived dendritic cells. *Arch Pharm Res.* 2014 Feb;37(2):186-92.

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

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