
Product Data Sheet

Product Name: Paeonolide

Cat. No.: GC38639

Chemical Properties

Cas. No. 72520-92-4

SMILES O[C@H]([C@@H](O)[C@@H]1O)[C@@H](O[C@@H]1CO[C@H](OC[C@H](O)[C@@H]2O)[C@@H]2O)OC(C=C(OC)C=C3)=C3C(C)=O

Formula C₂₀H₂₈O₁₂

M.Wt 460.43

Solubility DMSO : 100 mg/mL (217.19 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

Paeonolide is a plant glycoside that contains a non-reducing end α -l-arabinopyranoside and is found in the roots of the widespread plant genus *Paeonia*[1].

[1]. Viborg AH, et al. Discovery of α -l-arabinopyranosidases from human gut microbiome expands the diversity within glycoside hydrolase family 42. *J Biol Chem.* 2017 Dec 22;292(51):21092-21101.

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

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