
Product Data Sheet

Product Name: Tarasaponin VI

Cat. No.: GC39057

Chemical Properties

Cas. No. 59252-95-8

SMILES C[C@]12[C@]3(C([C@@]4([H])[C@](C(O)=O)(CCC(C)(C)C4)CC3)=CC[C@]1([H])[C@@]5([C@@](C(C)([C@@H](O[C@]6([H])O[C@@H]([C@@H](O[C@]7([H])O[C@@H](CO)[C@H](O)[C@H]7O)[C@H](O)[C@H]6O)C(O)=O)CC5C)([H])CC2)C)C

Formula C₄₁H₆₄O₁₃

M.Wt 764.94

Solubility DMSO : 100 mg/mL (130.73 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**

Tarasaponin VI is a natural product isolated from *Aralia elata*. Tarasaponin VI shows potent inhibitory activity on ethanol absorption[1].

[1]. Yoshikawa M, et al. Inhibitory effect of oleanene-type triterpene oligoglycosides on ethanol absorption: the structure-activity relationships. *Adv Exp Med Biol.* 1996;404:207-18.

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

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