
Product Data Sheet

Product Name: Timosaponin C

Cat. No.: GC60366

Chemical Properties

Cas. No. 185432-00-2

SMILES C[C@@]12[C@](C[C@@]3([H])[C@]2([H])C(C)=C(CC[C@H](C)CO[C@@H]4O[C@@H]([C@@H](O)[C@H](O)[C@H]4O)CO)O3)([H])[C@@]5([H])[C@]([C@@]6([C@](C[C@@H](O[C@@]7([H])[C@@H]([C@H]([C@H](O)[C@@H](CO)O7)O)O[C@]8([H])O[C@@H]([C@@H](O)[C@H](O)[C@H]8O)CO)CC6)([H])CC5C)([H])CC1

Formula C₄₅H₇₄O₁₈

M.Wt

903.06

Solubility

Storage

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**

Timosaponin C is isolated from Rhizoma Anemarrhenae[1]. Timosaponin C shows weaker NO inhibition in N9 microglial cells[2].

[1]. Yanqing Zhang, et al. Identification and Simultaneous Determination of Mangiferin, Neomangiferin, Timosaponin A-III, and Timosaponin C in Rhizoma Anemarrhenae by Rapid Resolution Liquid Chromatography Coupled with Triple Quadrupole Mass Spectrometry. Journal of Liquid Chromatography & Related Technologies Volume 29, 2006-Issue 6. [2]. Wang Z, et al, Anti-Inflammatory Activities of Compounds Isolated from the Rhizome of Anemarrhenaasphodeloides. Molecules. 2018 Oct 13;23(10). pii: E2631.

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

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