
Product Data Sheet

Product Name: Comanthoside A

Cat. No.: GC60721

Chemical Properties

Cas. No. 70938-59-9

SMILES OC1=C(C2=O)C(OC(C(C=C3)=CC=C3OC)=C2)=CC(O[C@@H]([C@@H]([C@H]4O)O)O[C@@H]([C@H]4O)C(OC)=O)=C1OC

Formula C₂₄H₂₄O₁₂

M.Wt

504.44

Solubility

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**

Comanthoside A is a plant derived natural flavonoid glycoside isolated from the leaves of *Comanthosphace japonica*. Comanthoside A also serves as a key intermediate for the synthesis of Comanthoside B and Linaroside[1][2].

[1]. ARISAWA, M., et al. The constituents of the leaves of *Comanthosphace japonica* S. Moore (Labiatae): Isolation of two new flavone glycosides, comanthosides A and B. *CHEMICAL & PHARMACEUTICAL BULLETIN*, 27(5), 1252-1254. [2]. Yan, S., et al. Semi-synthesis of a series natural flavonoids and flavonoid glycosides from scutellarin. *Tetrahedron*, 76(8), 130950.

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
