
Product Data Sheet

Product Name: Ecliptasaponin D

Cat. No.: GC35961

Chemical Properties

Cas. No. 206756-04-9

SMILES OC([C@]1(CCC(C)(C)C2)[C@]2([H])C3=CC[C@@]4([H])[C@@](C)(CC[C@]5([H])[C@@]4(CC[C@H](O[C@]([C@@H]([C@@H](O)[C@@H]6O)O)([H])O[C@@H]6CO)C5(C)C)C)[C@]3(C)C[C@@H]1O)=O

Formula C₃₆H₅₈O₉ M.Wt 634.84

Solubility DMSO : 100 mg/mL (157.52 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**

Ecliptasaponin D is a triterpenoid glucoside isolated from *Eclipta alba* (L.) Hassk which is the aerial part of *Eclipta prostrata*. *Eclipta prostrata* is considered as a nourishing herbal medicine with pleiotropic effects, including anti-inflammatory, hepatoprotective, antioxidant and immunomodulatory[1,2].

[1]. Zhang M, et al. [Isolation and identification of ecliptasaponin D from *Eclipta alba* (L.) Hassk]. Yao Xue Xue Bao. 1997 Aug;32(8):633-4. [2]. You XY, et al. Preventive effects of *Ecliptae* Herba extract and its component, ecliptasaponin A, on bleomycin-induced pulmonary fibrosis in mice. J Ethnopharmacol. 2015 Dec 4;175:172-80.

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

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