

Product Data Sheet

Product Name: Escin
Cat. No.: GC11935

Chemical Properties

Cas. No. 6805-41-0

Chemical Name (2R,3R,4R,5S,6S)-6-(((3S,4S,6aR,6bS,8R,8aR,9R,10R,14bR)-9-acetoxy-8-hydroxy-4,8a-bis(hydroxymethyl)-4,6a,6b,11,11,14b-hexamethyl-10-(((Z)-2-methylbut-2-enoyl)oxy)-1,2,3,4,4a,5,6,6a,6b,7,8,8a,9,10,11,12,12a,14,14a,14b-icosahydricen-3-yl)oxy)-4-hydroxy-3,

SMILES CC1(CC2C3=CCC4[C@@](C5CC[C@@]4(C)[C@](C[C@@H](O)[C@@]2(CO)[C@@H](OC(C)=O)[C@@H]1OC(/C(C)=C\C)=O)3C)(C)CC[C@H](O[C@@H]6[C@@H](O[C@@H]7[C@@H](O)[C@H](O)[C@@H](O)[C@H](CO)O7)[C@H](O)[C@@H](O[C@@H]8[C@@H](O)[C@H](O)[C@@H](O)[C@H](CO)O8)[C@H](C(O)=O)O6)[C@@]5(

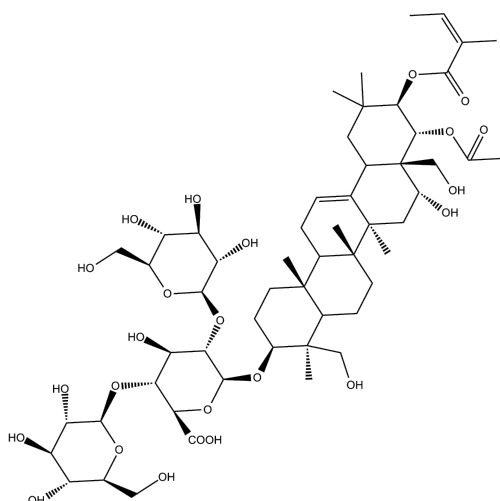
Formula C₅₅H₈₆O₂₄ M.Wt 1131.26

Solubility DMSO : 66mg/mL Storage 4°C, protect from light

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

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

Product Data Sheet

Escin, a natural mixture of triterpenoid saponins isolated from horse chestnut (*Aesculus hippocastanum*) seeds, can be used as a vasoprotective anti-inflammatory, anti-edematous and anti-nociceptive agent[1].

References:

[1]. Sipos W, et al. Escin inhibits type I allergic dermatitis in a novel porcine model. *Int Arch Allergy Immunol.* 2013;161(1):44-52.

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