

Product Data Sheet

Product Name: Kudinoside D

Cat. No.: GC39054

Chemical Properties

Cas. No. 173792-61-5

SMILES CC1([C@H](CC[C@]2(C1CC[C@@]3(C2C=CC4=C5[C@@](C(O6)=O)(CC[C@@]34C)CC[C@]6([C@@]5(C)O)C)C)O[C@H]7[C@@H]([C@H]([C@H](CO7)O)O[C@H]8[C@@H]([C@H]([C@@H]([C@H](O8)CO)O)O)O[C@H]9[C@@H]([C@@H]([C@H]([C@@H](O9)C)O)O)O)C

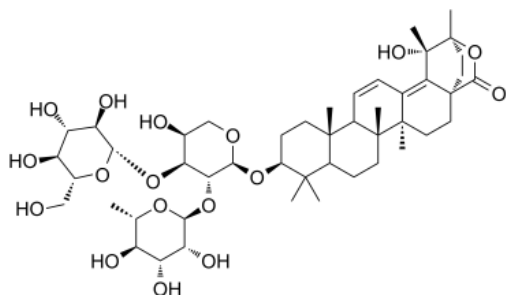
Formula C₄₇H₇₂O₁₇ M.Wt 909.06

Solubility DMSO : 100 mg/mL (110.00 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

Kudinoside D is a main natural component of triterpenoid saponin derived from *Ilex kudingcha*. Kudinoside D suppresses adipogenesis through modulation of the AMPK pathway in 3T3-L1 adipocytes[1].

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

[1]. Che Y, et al. Kudinoside-D, a triterpenoid saponin derived from Ilex kudingcha suppresses adipogenesis through modulation of the AMPK pathway in 3T3-L1 adipocytes. Fitoterapia. 2018 Mar;125:208-216.

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