
Product Data Sheet

Product Name: (2 α ,3 β ,4 α)-2,3,19-Trihydroxyurs-12-ene-23,28-dioic acid

Cat. No.: GC68525

Chemical Properties

Cas. No. 132282-70-3

Formula C₃₀H₄₆O₇ M.Wt 518.68

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**IC₅₀: 1.68 mM (α -Glucosidase)^[1]

(2 α ,3 β ,4 α)-2,3,19-Tridroxyurs-12-ene-23,28-dioic acid is a saponin that can be isolated from *Rubus ellipticus* var. *obcordatus*. (2 α ,3 β ,4 α)-2,3,19-Tridroxyurs-12-ene-23,28-dioic acid inhibits **α -Glucosidase** with an **IC₅₀** of 1.68 mM^[1].

[1]. Li W, et al. Triterpenoid saponins from *Rubus ellipticus* var. *obcordatus*. *J Nat Prod*. 2009 Oct;72(10):1755-60.

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

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