

---

**Product Data Sheet**


---

Product Name: Isotoosendanin

Cat. No.: GC60955

**Chemical Properties**

Cas. No. 97871-44-8

SMILES O[C@@H](C[C@H]1OC(C)=O)[C@]([C@](C[C@H]2O)([H])[C@@]31C)(COC3O)[C@](C([C@@H]4OC(C)=O)=O)([H])[C@@]2([C@@](C5=O)([H])[C@@]4([C@@](C6=COC=C6)([H])C5)C)C

Formula C<sub>30</sub>H<sub>38</sub>O<sub>11</sub> M.Wt 574.62

Solubility DMSO : 25 mg/mL (43.51 mM; ultrasonic and warming and heat to 60°C) 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**

Isotoosendanin is a limonoid isolated from Melia toosendan fruit. Isotoosendanin displays significant anti-inflammatory and analgesic activities[1].

[1]. Fan Xie, et al. Anti-inflammatory and analgesic activities of ethanolic extract and two limonoids from Melia toosendan fruit. J Ethnopharmacol. 2008 May 22;117(3):463-6.

**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

---