

Product Data Sheet

Product Name: Tellimagrandin II

Cat. No.: GC64237

Chemical Properties

Cas. No. 81571-72-4

Formula C₄₁H₃₀O₂₆

M.Wt 938.66

Solubility DMSO : 100 mg/mL (106.53 mM; Storage 4°C, protect from light
Need ultrasonic)

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.

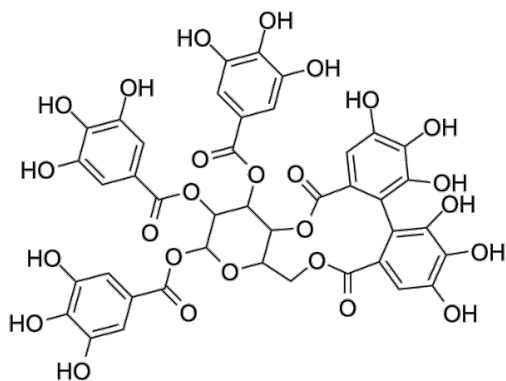
Caution: Product has not been fully validated for medical applications. For research use only.

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

Tellimagrandin II (Eugeniin), the first intermediate in the 4C1-glucose derived series of ellagitannins, also inhibits antibiotic resistance of drug-resistant *Staphylococcus aureus*[1][2].

[1]. Ruth Niemetz, et al. Oxidation of pentagalloylglucose to the ellagitannin, tellimagrandin II, by a phenol oxidase from *Tellima grandiflora* leaves. *Phytochemistry*. 2003 Feb;62(3):301-6.

[2]. Yu-Wei Chang, et al. Tellimagrandin II, A Type of Plant Polyphenol Extracted from *Trapa bispinosa* Inhibits Antibiotic Resistance of Drug-Resistant *Staphylococcus aureus*. *Int J Mol Sci*. 2019 Nov 18;20(22):5790.

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