

Product Data Sheet

Product Name: Proanthocyanidin A4

Cat. No.: GC38485

Chemical Properties

Cas. No. 111466-29-6

SMILES O[C@H]1[C@H](C2=CC=C(O)C(O)=C2)OC3=C4C(O[C@]5(C6=CC=C(O)C(O)=C6)OC7=CC(O)=CC(O)=C7[C@@]4([H])[C@H]5O)=CC(O)=C3C1

Formula $C_{30}H_{24}O_{12}$

M.Wt 576.5

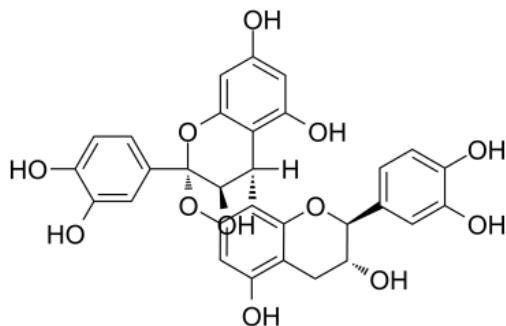
Solubility DMSO : ≥ 50 mg/mL (86.73 mM)

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

Proanthocyanidin A4, isolated from the root of *E. sinica*, is a polyphenol found in a variety of plants. Proanthocyanidin A4 possesses anti-inflammatory effects[1].

[1]. Lu WC, et al. Transformation of proanthocyanidin A2 to its isomers under different physiological pH conditions and common cell culture medium. J Agric Food Chem. 2011 Jun 8;59(11):6214-20.

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

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