
Product Data Sheet

Product Name: Proanthocyanidin A4

Cat. No.: GC38485

Chemical Properties

Cas. No. 111466-29-6

O[C@H]1[C@H]

SMILES (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 C₃₀H₂₄O₁₂

M.Wt 576.5

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

Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath tips for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon Condition 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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