Data Sheet (Cat.No.T7883)

TargetMol

Proanthocyanidins

Chemical Properties

CAS No. : 20347-71-1

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Proanthocyanidins is a natural product, used as antioxidant and anti-cancers agent.
Targets(IC50)	Antibacterial,Antifungal

Solubility Information

Solubility	DMSO: 104 mg/mL,Sonication is recommended. H2O: 5 mg/mL,when pH is adjusted to 11 with Na2CO3. Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 3.3 mg/mL,Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Reference

Nunes T, Cardoso P, Freitas R,et al.Grape Seeds Proanthocyanidins: An Overview of In Vivo Bioactivity in Animal Models[1].Ecotoxicol Environ Saf. 2018 Dec 15 ;165:622-629.

Lu J, Lu Z, Liu L, et al. Identification of crocin as a new hIAPP amyloid inhibitor via a simple yet highly biospecific screening system. Chemistry & Biodiversity. 2021

Lingyu Y , Dehai X , Xia X , et al. Proanthocyanidins against Oxidative Stress: From Molecular Mechanisms to Clinical Applications[J]. BioMed Research International, 2018, 2018:1-11.

Lu J, Lu Z, Liu L, et al. Identification of crocin as a new hIAPP amyloid inhibitor via a simple yet highly biospecific screening system[J]. Chemistry & Biodiversity. 2021

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