Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Cinnamtannin B1

Product overview

Name Cinnamtannin B1

Cat No HB3838 Purity >90%

Description Type A proanthocyanidine with many biological actions

Biological Data

Biological description Type A proanthocyanidine. Selective cytotoxic agent. Potent antioxidant. Lipid peroxidation inhibitor.

Antidiabetic, with similar effects to insulin activity in adipogenesis. Free radical scavenger.

Antithrombotic. Inhibits platelet aggregation. Apoptosis inhibitor. Reduces intracellular Ca(2+) overload and ROS production. Antibacterial. Cyclooxygenase-2 (COX-2) inhibitor in vitro. LDL oxidation

inhibitor.

Solubility & Handling

Storage instructions
Storage of solutions

+4°C

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

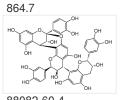
Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight Chemical structure



CAS Number InChiKey Appearance

88082-60-4 BYSRPHRKESMCPO-LQNPQWRQSA-N

Brown solid