

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

<b>Name</b>	Cinnamtannin B1
<b>Cat No</b>	HB3838
<b>Purity</b>	>90%
<b>Description</b>	Type A proanthocyanidine with many biological actions

### Biological Data

<b>Biological description</b>	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.
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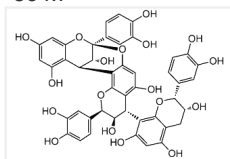
### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	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**

864.7



<b>CAS Number</b>	88082-60-4
<b>InChiKey</b>	BYSRPHRKESMCPO-LQNPQWRQSA-N
<b>Appearance</b>	Brown solid