

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

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

customercare-usa@hellobio.com



## DATASHEET

Vitexin

### Product overview

<b>Name</b>	Vitexin
<b>Cat No</b>	HB4123
<b>Purity</b>	>98%
<b>Description</b>	$\alpha$ -Glucosidase inhibitor

### Biological Data

<b>Biological description</b>	alpha-Glucosidase inhibitor. Antioxidant. HIF-1 alpha inhibitor. Anti-metastatic. Apoptosis inducer. Tumor suppressor. Adipogenesis inhibitor. Inhibits SIRT6 in vitro. Inhibits polyubiquitin synthesis by the ubiquitin-conjugating enzyme E2-25K. Cardioprotective. Anti-inflammatory. Shows analgesic effect by targeting TRPV1 channel activity. Neuroprotective. Inhibits NMDA receptors.
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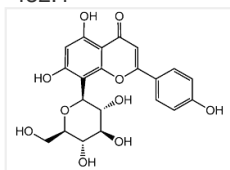
### Solubility & Handling

<b>Storage instructions</b>	Room temperature
<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**

432.4



**CAS Number**

3681-93-4

**PubChem identifier**

0

**SMILES**

OC[C@H]1O[C@H]([C@H](O)[C@@H](O)[C@@H]1O)c2c(O)cc(O)c3C(=O)C=C(Oc23)c4ccc(O)cc4

**InChiKey**

SGEWCQFRYRRZDC-VPRICQMDSA-N

**Appearance**

Yellow crystalline powder