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# **DATASHEET**

#### **Product overview**

Name Vitexin Cat No HB4123 **Purity** >98%

Description α-Glucosidase inhibitor

### **Biological Data**

**Biological description** 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.

### **Solubility & Handling**

Storage instructions Storage of solutions Room temperature

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

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 3681-93-4

**CAS Number PubChem identifier** 

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)cc(O)c2c(O)c**SMILES** 

SGEWCQFRYRRZDC-VPRICQMDSA-N InChiKey

**Appearance** Yellow crystalline powder