

Product Information

Panasenoside

Cat. No.: X23-04-XQ443

Size: 20 mg; 50 mg; 100 mg; 200 mg

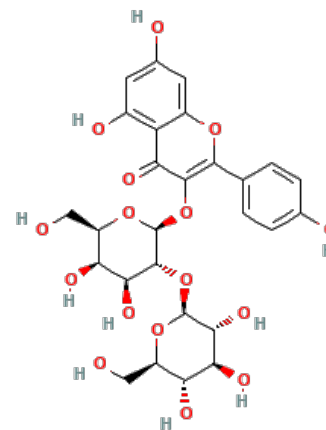
CAS Number: 31512-06-8

Compound CID: 9986191

Synonym: 31512-06-8; Panasenoside; Kaempferol 3-O-beta-D-glucosylgalactoside;

Lilyn

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Panasenoside is a flavonoid that exhibits α -glucosidase inhibitory activity.
Molecular Weight	610.52
Molecular Formula	$C_{27}H_{30}O_{16}$
IUPAC Name	3-[(2S,3R,4S,5R,6R)-4,5-Dihydroxy-6-(hydroxymethyl)-3-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoxan-2-yl]oxy-5,7-dihydroxy-2-(4-hydroxyphenyl)chromen-4-one
InChI	InChI=1S/C27H30O16/c28-7-14-17(33)20(36)22(38)26(40-14)43-25-21(37)18(34)15(8-29)41-27(25)42-24-19(35)16-12(32)5-11(31)6-13(16)39-23(24)9-1-3-10(30)4-2-9/h1-6,14-15,17-18,20-22,25-34,36-38H,7-8H2/t14-,15-,17-,18+,20+,21+,22-,25-,26+,27+/m1/s1
InChI Key	LKZDFKLGDSGEO-PABQPRPFS-A-N
Canonical SMILES	<chem>C1=CC(=CC=C1C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)OC4C(C(C(C(O4)CO)O)O)OC5C(C(C(C(O5)CO)O)O)O)O</chem>
Isomeric SMILES	<chem>C1=CC(=CC=C1C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)O)[C@H]4[C@@H]([C@H]([C@H]([C@H](O4)CO)O)O)[C@H]5[C@@H]([C@H]([C@H]([C@H](O5)CO)O)O)O)O</chem>
Source	<i>Ginseng</i> leaf
Form	Pale yellow powder
Purity	$\geq 90\%$, determined by HPLC.
Solubility	It is soluble in DMSO, methanol, insoluble in water.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.



Applications Panasenocide can be used for α -glucosidase inhibitory activity experiments, *etc.*

Storage Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
