

Product Information

Regaloside C

Cat. No.: X23-04-YM400

Size: 10 mg; 20 mg; 50 mg; 100 mg

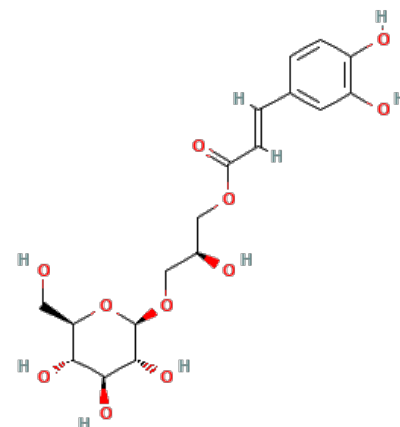
CAS Number: 117591-85-2

Compound CID: 14135348

Synonym: 117591-85-2;

[(2S)-2-Hydroxy-3-[(2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxypropyl]

(E)-3-(3,4-dihydroxyphenyl)prop-2-enoate



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

Product Information

Description	Regaloside C is a glycerol glucoside that plays a key role in modulating the activity of various enzymes and proteins involved in inflammation.
Molecular Weight	416.38
Molecular Formula	C ₁₈ H ₂₄ O ₁₁
IUPAC Name	[(2S)-2-Hydroxy-3-[(2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxypropyl] (E)-3-(3,4-dihydroxyphenyl)prop-2-enoate
InChI	InChI=1S/C18H24O11/c19-6-13-15(24)16(25)17(26)18(29-13)28-8-10(20)7-27-14(23)4-2-9-1-3-11(21)12(22)5-9/h1-5,10,13,15-22,24-26H,6-8H2/b4-2+/t10-,13-,15-,16+,17-,18-/m1/s1
InChI Key	DVLNCWXFKSRQB-NSVVQGBUSA-N
Canonical SMILES	C1=CC(=C(C=C1C=CC(=O)OCC(COC2C(C(C(C(O2)CO)O)O)O)O)O)O
Isomeric SMILES	C1=CC(=C(C=C1/C=C/C(=O)OC[C@H](CO[C@H]2[C@@H]([C@H]([C@@H]([C@H](O2)CO)O)O)O)O)O
Source	<i>Lilium</i>
Form	Powder
Purity	>98%, determined by HPLC.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Regaloside C is useful for its anti-inflammatory activity.
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
