

Product Information

Kinsenoside

Cat. No.: X23-04-XQ187

Size: 10 mg; 20 mg; 50 mg; 100 mg; 200 mg; 500 mg

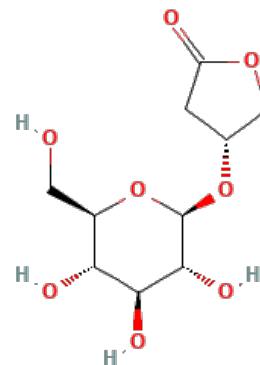
MDL: MFCD11100290

CAS Number: 151870-74-5

Compound CID: 10422896

Synonym: 151870-74-5; Kinsenoside; (+)-Kinsenoside; Kinsenoside;
(+)-Kinsenoside; (3*R*)-5-Oxotetrahydro-3-furanyl beta-D-glucopyranoside

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



Product Information

Description	Kinsenoside is a glycoside that has diverse biological activities, including antihyperlipidemic, immunosuppressive, and anti-inflammatory properties.
Molecular Weight	264.23
Molecular Formula	C ₁₀ H ₁₆ O ₈
IUPAC Name	(4 <i>R</i>)-4-[(2 <i>R</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i>)-3,4,5-Trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoxolan-2-one
InChI	InChI=1S/C10H16O8/c11-2-5-7(13)8(14)9(15)10(18-5)17-4-1-6(12)16-3-4/h4-5,7-11,13-15H,1-3H2/t4-,5-,7-,8+,9-,10-/m1/s1
InChI Key	MQEPWBMWFIVRPS-ZGSHZZHUSA-N
Canonical SMILES	C1C(COC1=O)OC2C(C(C(C(O2)CO)O)O)O
Isomeric SMILES	C1[C@H](COC1=O)O[C@H]2[C@@H]([C@H]([C@@H]([C@H]([C@H](O2)CO)O)O)O)O
Source	<i>Roxburgh anoectochilus</i> terminal bud
Form	Off-white solid
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	Kinsenoside can be used for antihyperlipidemic, immunosuppressive, and anti-inflammatory property experiments, etc.
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
