

Product Information

Tectoruside

Cat. No.: X22-05-ZQ735

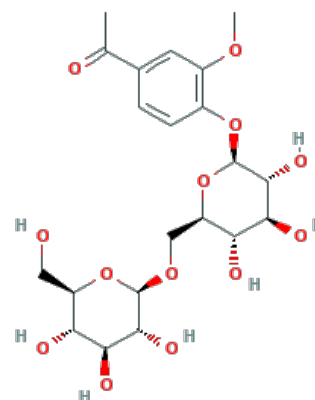
Size: 5 mg; 10 mg; 20 mg

CAS Number: 38784-73-5

Compound CID: 5321783

Synonym: 38784-73-5; Tectoruside;

1-[3-Methoxy-4-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-[(2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxymethyl]oxan-2-yl]oxyphenyl]ethanone



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

Product Information

Description	Tectoruside is a chemical pesticide with anti-cancer, anti-inflammatory, and anti-tumor effects. This product can be used for research in the fields of medicine and pharmacy.
Molecular Weight	490.458
Molecular Formula	C ₂₁ H ₃₀ O ₁₃
IUPAC Name	1-[3-Methoxy-4-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-[(2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxymethyl]oxan-2-yl]oxyphenyl]ethanone
InChI	InChI=1S/C21H30O13/c1-8(23)9-3-4-10(11(5-9)30-2)32-21-19(29)17(27)15(25)13(34-21)7-31-20-18(28)16(26)14(24)12(6-22)33-20/h3-5,12-22,24-29H,6-7H2,1-2H3/t12-,13-,14-,15-,16+,17+,18-,19-,20-,21-/m1/s1
InChI Key	QDJKYPXSGCCOCT-LWZURRPWSA-N
Canonical SMILES	CC(=O)C1=CC(=C(C=C1)OC2C(C(C(C(O2)COC3C(C(C(C(O3)CO)O)O)O)O)O)O)OC
Isomeric SMILES	CC(=O)C1=CC(=C(C=C1)O[C@H]2[C@@H]([C@H]([C@@H]([C@H](O2)CO[C@H]3[C@@H]([C@@H]([C@@H]([C@H](O3)CO)O)O)O)O)O)OC
Form	Powder
Purity	≥98%, determined by HPLC.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Tectoruside can be used for research in the fields of medicine and pharmacy.
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
