

Product Information

Alcesefoliside

Cat. No.: X22-05-ZQ498

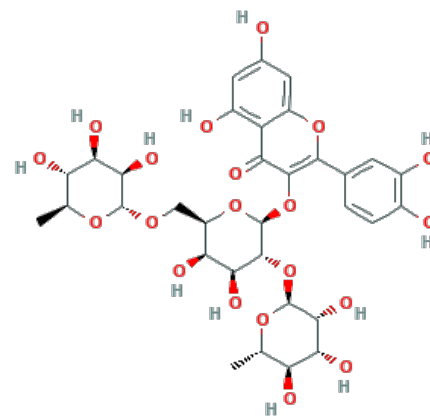
Size: 5 mg; 10 mg; 20 mg; 50 mg; 100 mg

CAS Number: 124151-38-8

Compound CID: 11828754

Synonym: 124151-38-8; Alcesefoliside;

2-(3,4-Dihydroxyphenyl)-3-[(2S,3R,4S,5R,6R)-4,5-dihydroxy-3-[(2R,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxy)-6-[[[(2R,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxymethyl]oxan-2-yl]oxy-5,7-dihydroxychromen-4-one



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

Product Information

Description	Alcesefoliside is a flavonoid with antioxidant activity. This product is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Molecular Weight	756.66
Molecular Formula	C ₃₃ H ₄₀ O ₂₀
IUPAC Name	2-(3,4-Dihydroxyphenyl)-3-[(2S,3R,4S,5R,6R)-4,5-dihydroxy-3-[(2R,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxy)-6-[[[(2R,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxymethyl]oxan-2-yl]oxy-5,7-dihydroxychromen-4-one
InChI	InChI=1S/C33H40O20/c1-9-19(38)23(42)26(45)31(48-9)47-8-17-21(40)25(44)30(53-32-27(46)24(43)20(39)10(2)49-32)33(51-17)52-29-22(41)18-15(37)6-12(34)7-16(18)50-28(29)11-3-4-13(35)14(36)5-11/h3-7,9-10,17,19-21,23-27,30-40,42-46H,8H2,1-2H3/t9-,10-,17+,19-,20-,21-,23+,24+,25-,26+,27+,30+,31+,32-,33-/m0/s1
InChI Key	HKNBJSRIYRDSLBI-MIORVHIISA-N
Canonical SMILES	CC1C(C(C(C(O1)OCC2C(C(C(C(O2)OC3=C(OC4=CC(=CC(=C4C3=O)O)O)C5=CC(=C(C=C5)O)O)OC6C(C(C(C(O6)C)O)O)O)O)O)O)O
Isomeric SMILES	C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)OC[C@@H]2[C@@H]([C@@H]([C@H]([C@@H](O2)OC3=C(OC4=CC(=CC(=C4C3=O)O)O)C5=CC(=C(C=C5)O)O)O[C@H]6[C@@H]([C@@H]([C@@H]([C@@H](O6)C)O)O)O)O)O)O)O
Form	Powder



Purity	≥95%, determined by HPLC.
Identity	Confirmed by MS and NMR.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Alcesefoliside is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Equipment	Gloves, eyeshields, N95 mask
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