

Product Information

Sotetsuflavone

Cat. No.: X22-05-ZQ360

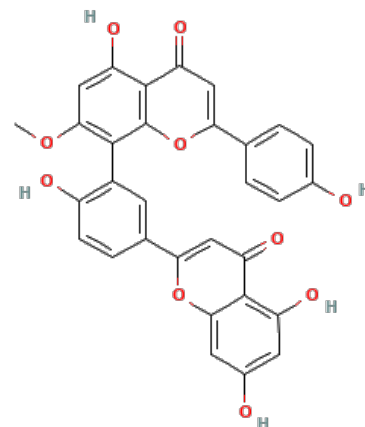
Size: 5 mg; 20 mg; 50 mg; 100 mg

CAS Number: 2608-21-1

Compound CID: 5494868

Synonym: 2608-21-1; Sotetsuflavone; Sotetsuflavon; 8-[5-(5,7-Dihydroxy-4-oxochromen-2-yl)-2-hydroxyphenyl]-5-Hydroxy-2-(4-hydroxyphenyl)-7-methoxychromen-4-one

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



Product Information

Description	Sotetsuflavone is a flavone that has been shown to have therapeutic potential in the treatment of cancer and infectious diseases. This product can be used for research in the fields of medicine and pharmacy.
Molecular Weight	552.493
Molecular Formula	C ₃₁ H ₂₀ O ₁₀
IUPAC Name	8-[5-(5,7-Dihydroxy-4-oxochromen-2-yl)-2-hydroxyphenyl]-5-Hydroxy-2-(4-hydroxyphenyl)-7-methoxychromen-4-one
InChI	InChI=1S/C31H20O10/c1-39-26-13-23(38)30-22(37)12-24(14-2-5-16(32)6-3-14)41-31(30)28(26)18-8-15(4-7-19(18)34)25-11-21(36)29-20(35)9-17(33)10-27(29)40-25/h2-13,32-35,38H,1H3
InChI Key	OIFVLHZEBAHXPM-UHFFFAOYSA-N
Canonical SMILES	COC1=C(C2=C(C(=C1)O)C(=O)C=C(O2)C3=CC=C(C=C3)O)C4=C(C=CC(=C4)C5=CC(=O)C6=C(C=C(C=C6O5)O)O)O
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	Sotetsuflavone 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
