

Product Information

Cyclocurcumin

Cat. No.: X22-05-ZQ613

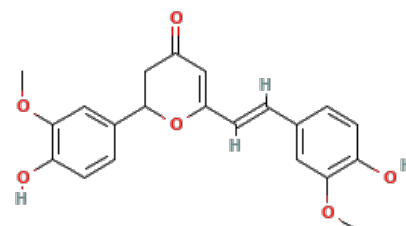
Size: 5 mg; 10 mg; 20 mg; 50 mg; 100 mg

CAS Number: 153127-42-5

Compound CID: 69879809

Synonym: 153127-42-5; Cyclocurcumin; Cyclocurcumin(P);

2-(4-Hydroxy-3-methoxyphenyl)-6-[(E)-2-(4-Hydroxy-3-methoxyphenyl)ethenyl]-2,3-dihydropyran-4-one



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

Product Information

Description	Cyclocurcumin exerts a particularly strong anti-melanogenic activity on the cells without high cell toxicity. This product can be used for research in the fields of medicine, pharmacy, cosmetics and agriculture.
Molecular Weight	368.38
Molecular Formula	C ₂₁ H ₂₀ O ₆
IUPAC Name	2-(4-Hydroxy-3-methoxyphenyl)-6-[(E)-2-(4-Hydroxy-3-methoxyphenyl)ethenyl]-2,3-dihydropyran-4-one
InChI	InChI=1S/C21H20O6/c1-25-20-9-13(4-7-17(20)23)3-6-16-11-15(22)12-19(27-16)14-5-8-18(24)21(10-14)26-2/h3-11,19,23-24H,12H2,1-2H3/b6-3+
InChI Key	IZLBLUIBVMGMIY-ZZXKWWIFSA-N
Canonical SMILES	COC1=C(C=CC(=C1)C=CC2=CC(=O)CC(O2)C3=CC(=C(C=C3)O)OC)O
Isomeric SMILES	COC1=C(C=CC(=C1)/C=C/C2=CC(=O)CC(O2)C3=CC(=C(C=C3)O)OC)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	Cyclocurcumin can be used for research in the fields of medicine, pharmacy, cosmetics and agriculture.
Storage	Store at 4°C.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
