

Product Information

Bilobalide

Cat. No.: X23-04-XQ465

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

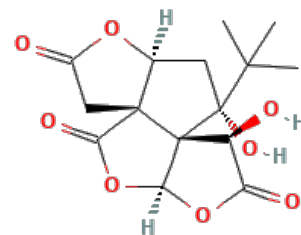
MDL: MFCD00238547

CAS Number: 33570-04-6

Compound CID: 73581

Synonym: 33570-04-6; Bilobalide; Bilobalid; (-)-Bilobalide; Bilobalide A

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



Product Information

Description	Bilobalide is an inducer of cytochrome P450 enzymes CYP3A1 and CYP1A2.
Molecular Weight	326.3
Molecular Formula	C ₁₅ H ₁₈ O ₈
IUPAC Name	(1S,4R,7R,8S,9R,11S)-9-Tert-butyl-7,9-dihydroxy-3,5,12-trioxatetracyclo[6.6.0.0.1,11.0.4,8]tetradecane-2,6,13-trione
InChI	InChI=1S/C15H18O8/c1-12(2,3)14(20)4-6-13(5-7(16)21-6)10(19)23-11-15(13,14)8(17)9(18)22-11/h 6,8,11,17,20H,4-5H2,1-3H3/t6-,8-,11-,13-,14+,15+/m0/s1
InChI Key	MOLPUWBMSBJXER-YDGSQGCISA-N
Canonical SMILES	CC(C)(C)C1(CC2C3(C14C(C(=O)OC4OC3=O)O)CC(=O)O2)O
Isomeric SMILES	CC(C)(C)[C@@]1(C[C@H]2[C@@]3([C@]14[C@H](C(=O)O[C@H]4OC3=O)O)CC(=O)O2)O
Source	The dried root of <i>Ginkgo biloba</i> L.
Form	Colorless crystals (water)
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.
Melting Point	>300°C
Applications	Bilobalide can be used for anti-inflammatory, anti-oxidative, and anti-apoptotic property experiments, etc.
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
