

Product Information

Clemaphenol A

Cat. No.: X22-05-ZQ488

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

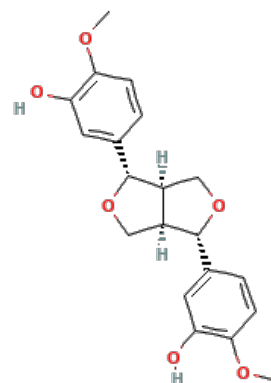
CAS Number: 362606-60-8

Compound CID: 46173999

Synonym: 362606-60-8; Clemaphenol A;

5-[(3*S*,3*aR*,6*S*,6*aR*)-6-(3-Hydroxy-4-methoxyphenyl)-1,3,3*a*,4,6,6*a*-hexahydrofuro[3,4-*c*]furan-3-yl]-2-methoxyphenol

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



Product Information

Description	Clemaphenol A is a phenolic acid that has been shown to have cytotoxic and bacteriostatic activities, and may also have radical scavenging activity. This product can be used for content determination, identification, and pharmacological experiments, <i>etc.</i>
Molecular Weight	358.39
Molecular Formula	C ₂₀ H ₂₂ O ₆
IUPAC Name	5-[(3 <i>S</i> ,3 <i>aR</i> ,6 <i>S</i> ,6 <i>aR</i>)-6-(3-Hydroxy-4-methoxyphenyl)-1,3,3 <i>a</i> ,4,6,6 <i>a</i> -hexahydrofuro[3,4- <i>c</i>]furan-3-yl]-2-methoxyphenol
InChI	InChI=1S/C20H22O6/c1-23-17-5-3-11(7-15(17)21)19-13-9-26-20(14(13)10-25-19)12-4-6-18(24-2)16(22)8-12/h3-8,13-14,19-22H,9-10H2,1-2H3/t13-,14-,19+,20+/m0/s1
InChI Key	VRHZMFGDDGFRLP-AFHBHXEDSA-N
Canonical SMILES	COC1=C(C=C(C=C1)C2C3COC(C3CO2)C4=CC(=C(C=C4)OC)O)O
Isomeric SMILES	COC1=C(C=C(C=C1)[C@@H]2[C@H]3CO[C@@H]1([C@H]3CO2)C4=CC(=C(C=C4)OC)O)O
Form	Powder
Purity	≥98%, determined by HPLC.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Clemaphenol A can be used for content determination, identification, and pharmacological experiments, <i>etc.</i>
Storage	Store at 4°C. Protect from light.



Safety Information

Personal Protective Equipment Gloves, eyeshields, N95 mask
