

Product Information

Oblongine

Cat. No.: X22-05-ZQ596

Size: 5 mg; 10 mg; 20 mg

CAS Number: 60008-01-7

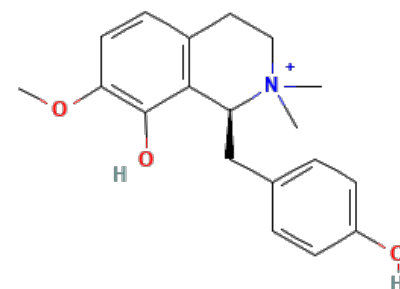
Compound CID: 173713

Synonym: 60008-01-7; Oblongine;

(1S

)-1-[(4-Hydroxyph

enyl)methyl]-7-methoxy-2,2-dimethyl-3,4-dihydro-1*H*-isoquinolin-2-ium-8-ol



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

Product Information

Description	Oblongine may have potential haemodynamic effects, it can cause a dose-dependent reduction of systolic and diastolic blood pressure. This product can be used for research in the fields of medicine and pharmacy.
Molecular Weight	314.398
Molecular Formula	C ₁₉ H ₂₄ NO ₃
IUPAC Name	(1S)-1-[(4-Hydroxyphenyl)methyl]-7-methoxy-2,2-dimethyl-3,4-dihydro-1 <i>H</i> -isoquinolin-2-ium-8-ol
InChI	InChI=1S/C19H23NO3/c1-20(2)11-10-14-6-9-17(23-3)19(22)18(14)16(20)12-13-4-7-15(21)8-5-13/h4-9,16H,10-12H2,1-3H3,(H-,21,22)/p+1/t16-/m0/s1
InChI Key	POJZOQWVMYVBU-INIZCTEOSA-O
Canonical SMILES	C[N+](C)(C)C1=CC=C(C=C1)C2=CC(OC)=C(C=C2)O3C4=CC=C(C=C4)C5=CC=CC=C5C3=C4
Isomeric SMILES	C[N+](C)(C)C1=CC=C(C=C1)C2=CC(OC)=C(C=C2)O3[C@@H]4=CC=C(C=C4)C5=CC=CC=C5C3=C4
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	Oblongine 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
