

Product Information

Columbamine

Cat. No.: X23-04-XQ496

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

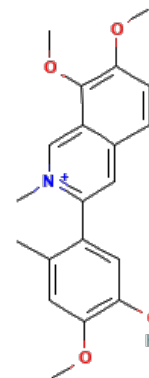
CAS Number: 3621-36-1

Compound CID: 72310

Synonym: 3621-36-1; Columbamine; Dehydroisocorypalmine;

Columbamin;Dehydroisocorypalmine

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



Product Information

Description	Columbamine is an alkaloid that has diverse biological activities.
Molecular Weight	338.38
Molecular Formula	C ₂₀ H ₂₀ NO ₄
IUPAC Name	3,9,10-Trimethoxy-5,6-dihydroisoquinolino[2,1-b]isoquinolin-7-ium-2-ol
InChI	InChI=1S/C20H19NO4/c1-23-18-5-4-12-8-16-14-10-17(22)19(24-2)9-13(14)6-7-21(16)11-15(12)20(18)25-3/h4-5,8-11H,6-7H2,1-3H3/p+1
InChI Key	YYFOFDHQVIODOQ-UHFFFAOYSA-O
Canonical SMILES	COC1=C(C2=C[N+]3=C(C=C2C=C1)C4=CC(=C(C=C4CC3)OC)O)OC
Source	<i>Coptis chinensis</i>
Form	Yellow needle crystal
Purity	>98%, determined by HPLC.
Solubility	It is soluble in methanol and slightly soluble in water.
Identity	Confirmed by NMR and MS.
Stability	The product is stable for two years when stored at the recommended temperature.
Applications	Columbamine can be used for antibacterial and uterine stimulating effect experiments, etc.
Storage	Store at 4°C. Protect from light.

Safety Information

Personal Protective Gloves, eyeshields, N95 mask



Equipment
