

Product Information

16-epi-Voacarpine

Cat. No.: X22-05-ZQ761

Size: 5 mg; 10 mg; 20 mg

CAS Number: 114027-38-2

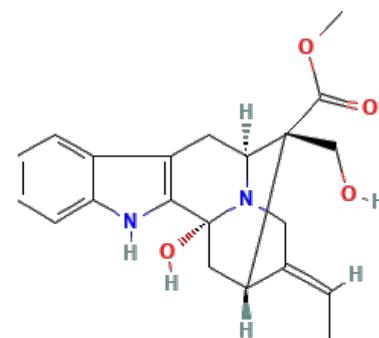
Compound CID: 13946382

Synonym: 114027-38-2; 16-Epivoacarpine; Methyl

(1*R*,12*S*,13*R*,14*S*,15*E*

)-15-ethylidene-1-hydroxy-13-(hydroxymethyl)-3,17-diazapentacyclo[12.3.1.0.2,10.0.4,9

.012,17]octadeca-2(10),4,6,8-tetraene-13-carboxylate



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

Product Information

Description	16-epi-Voacarpine is an antimicrobial protonated indole alkaloid. This product is widely used in research in the fields of pharmaceuticals, cosmetics and health products.
Molecular Weight	368.43
Molecular Formula	C ₂₁ H ₂₄ N ₂ O ₄
IUPAC Name	Methyl (1 <i>R</i> ,12 <i>S</i> ,13 <i>R</i> ,14 <i>S</i> ,15 <i>E</i>)-15-ethylidene-1-hydroxy-13-(hydroxymethyl)-3,17-diazapentacyclo[12.3.1.0.2,10.0.4,9.0.12,17]octadeca-2(10),4,6,8-tetraene-13-carboxylate
InChI	InChI=1S/C21H24N2O4/c1-3-12-10-23-17-8-14-13-6-4-5-7-16(13)22-18(14)21(23,26)9-15(12)20(17,11-24)19(25)27-2/h3-7,15,17,22,24,26H,8-11H2,1-2H3/b12-3-/t15-,17-,20+,21+/m0/s1
InChI Key	ZROBSNVANUBAJZ-LWKNIGJSSA-N
Canonical SMILES	CC=C1CN2C3CC4=C(C2(CC1C3(CO)C(=O)OC)O)NC5=CC=CC=C45
Isomeric SMILES	C/C=C\1/CN2[C@H]3CC4=C([C@@]2(C[C@@H]1[C@@]3(CO)C(=O)OC)O)NC5=CC=CC=C45
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	16-epi-Voacarpine is widely used in research in the fields of pharmaceuticals, cosmetics and health products.



Storage

Store at 4°C. Protect from light.

Safety Information

Personal Protective

Gloves, eyeshields, N95 mask

Equipment
