

Product Information

Mecarbinatate, Purity $\geq 98\%$

Cat. No.: X24-09-YM1131

Size: 5 mg; 10 mg; 20 mg; 50 mg

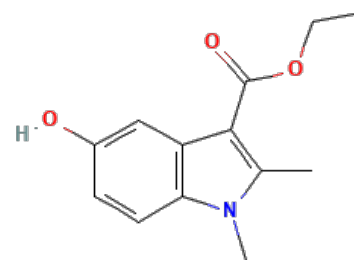
MDL: MFCD00451373

CAS Number: 15574-49-9

Compound CID: 616236

Synonym: 15574-49-9; Mecarbine; Ethyl 5-hydroxy-1,2-dimethylindole-3-carboxylate

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



Product Information

Description	Mecarbinatate, soluble in DMSO and insoluble in water and ethanol, is an antacid to neutralize stomach acid. The molecular weight of the compound is 233.3, and its molecular formula is $C_{13}H_{15}NO_3$.
Molecular Weight	233.3
Molecular Formula	$C_{13}H_{15}NO_3$
IUPAC Name	Ethyl 5-hydroxy-1,2-dimethylindole-3-carboxylate
InChI	InChI=1S/C13H15NO3/c1-4-17-13(16)12-8(2)14(3)11-6-5-9(15)7-10(11)12/h5-7,15H,4H2,1-3H3
InChI Key	YTBNTDMBGXAOCG-UHFFFAOYSA-N
Canonical SMILES	CCOC(=O)C1=C(N(C2=C1C=C(C=C2)O)C)C
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 42 mg/mL (180.05 mM); Water: insoluble; Ethanol: insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Mecarbinatate can be studied extensively for its potential therapeutic applications in the treatment of conditions like chronic respiratory diseases.
Storage	Store at -20°C , and keep desiccated.