



CAS Registry Number: 151870-75-6

Molecular Formula: C₁₂H₁₇NO₆

Molecular Weight: 271.269

Accurate Mass: 271.105589

Percentage Composition: C 53.13%; H 6.32%; N 5.16%; O 35.39%

Biological Source: Alkaloid from whole plants of *Anoectochilus koshumensis* (Orchidaceae)

Physical Description: Oil

Optical Rotation: [α]_D²⁴ -37.7 (c, 2.60 in MeOH)

>>Derivative: Me ether

Synonym(s): 3-(Methoxymethyl)pyridine

CAS Registry Number: 58418-62-5

Molecular Formula: C₇H₉NO

Molecular Weight: 123.154

Accurate Mass: 123.068414

Percentage Composition: C 68.27%; H 7.37%; N 11.37%; O 12.99%

Boiling Point: Bp₂₀ 92-94°

pKa Value: pK_a 4.69 (25°)

>>Derivative: Me ether, hydrochloride

CAS Registry Number: 58418-52-3

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 109.4°

>>Derivative: Et ether

Synonym(s): 3-(Ethoxymethyl)pyridine

CAS Registry Number: 58418-63-6

Molecular Formula: C₈H₁₁NO

Molecular Weight: 137.181

Accurate Mass: 137.084064

Percentage Composition: C 70.04%; H 8.08%; N 10.21%; O 11.66%

Boiling Point: Bp_{0.4} 70-72°

>>Derivative: Et ether; hydrochloride

CAS Registry Number: 58418-53-4

Physical Description: Cryst. (EtOH/Et₂O)

Melting Point: Mp 72-73°

>>Derivative: N-Oxide

Synonym(s): Mepiroxol, INN. Lysateril

CAS Registry Number: 6968-72-5

Molecular Formula: C₆H₇NO₂

Molecular Weight: 125.127

Accurate Mass: 125.047679

Percentage Composition: C 57.59%; H 5.64%; N 11.19%; O 25.57%

Use/Importance: Antihyperlipidaemic agent

Physical Description: Hygroscopic cryst.

Development Status: Never marketed

Melting Point: Mp 242-243°

Calculated Log P Data: Log P -2.27 (calc)

Aldrich: 18444-6

>>Derivative: N-Oxide, Ac

Molecular Formula: C₈H₉NO₃

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Physical Description: Hygroscopic cryst. (MeOH/Et₂O)

Melting Point: Mp 71.9°