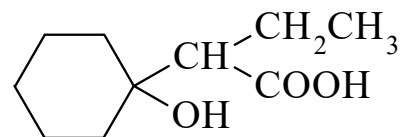




>>Entry Name: 2-(1-Hydroxycyclohexyl)butanoic acid

Synonym(s): α -Ethyl-1-hydroxycyclohexaneacetic acid, 9CI. Cyclobutyrol, INN



CAS Registry Number: 512-16-3

Related CAS Registry Numbers(s): 23579-12-6

Molecular Formula: C₁₀H₁₈O₃

Molecular Weight: 186.25

Accurate Mass: 186.125595

Percentage Composition: C 64.49%; H 9.74%; O 25.77%

Use/Importance: Choloretic agent

Calculated Log P Data: Log P 1.88 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 4820 mg/kg. LD₅₀ (rat, ivn) 1760 mg/kg

>>Variant: (±)-form

Molecular Formula: C₁₀H₁₈O₃

Molecular Weight: 186.25

Accurate Mass: 186.125595

Percentage Composition: C 64.49%; H 9.74%; O 25.77%

Melting Point: Mp 81-82°

Boiling Point: Bp_{0.5} 138-140°

>>Derivative: Na salt

Synonym(s): Bicol. Bilimix. Bis-Bil. Colepan. Dimene. Hebucol. Maricolene. Tachicol. Viobilina. Liptriu. JL 130. Many other names

CAS Registry Number: 1130-23-0

Physical Description: Hygroscopic powder

Melting Point: Mp 299-300°

>>Derivative: Choline salt

CAS Registry Number: 24759-08-8

Melting Point: Mp 92-95°

>>Derivative: Nicotinamide salt (1:1)

CAS Registry Number: 87425-18-1

Use/Importance: Used in treatment of liver disorders

Melting Point: Mp 135-136°

References:

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