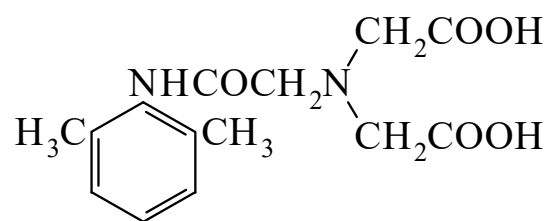




>>Entry Name: Lidofenin, INN, USAN

Synonym(s): *N*-(Carboxymethyl)-*N*-[2-[(2,6-dimethylphenyl)amino]-2-oxoethyl]glycine, 9Cl. HIDA. Hepato-Scan



CAS Registry Number: 59160-29-1

Molecular Formula: C₁₄H₁₈N₂O₅

Molecular Weight: 294.307

Accurate Mass: 294.121573

Percentage Composition: C 57.14%; H 6.16%; N 9.52%; O 27.18%

Use/Importance: Hepatic function determinant. Frequently used as ⁹⁹Tc-chelated complex

Development Status: No longer marketed

Melting Point: Mp 215-216°

Calculated Log P Data: Log P 0.02 (calc)

Hazard & Toxicity: LD₅₀ (rat, ivn) 88 mg/kg

Aldrich: 41404-2

Sigma: D9397

>>Derivative: ^{99m}Tc complex

Synonym(s): Technetium Tc 99m lidofenin, USAN. Technescan HIDA

Use/Importance: Radiopharmaceutical. Diagnostic aid

References:

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, LFO300