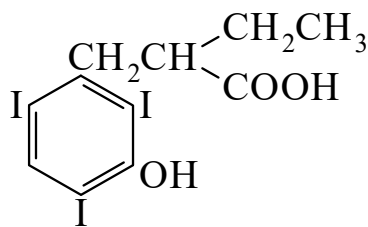




>>Entry Name: Iophenoic acid, INN

Synonym(s): α -Ethyl-3-hydroxy-2,4,6-triiodobenzenepropanoic acid, 9Cl. α -Ethyl-3-hydroxy-2,4,6-triiodohydrocinnamic acid, 8Cl. α -(3-Hydroxy-2,4,6-triiodobenzyl)butyric acid. Iophenoxic acid. Jodoprol. Teridax. Trilombine. Triloshade



CAS Registry Number: 96-84-4

Molecular Formula: C₁₁H₁₁I₃O₃

Molecular Weight: 571.92

Accurate Mass: 571.784239

Percentage Composition: C 23.10%; H 1.94%; I 66.57%; O 8.39%

Use/Importance: Diagnostic aid (radioopaque medium). Seromarker. Used to study feeding habits of wildlife

Calculated Log P Data: Log P 4.37 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 2000 mg/kg. LD₅₀ (rat, ipr) 648 mg/kg

Aldrich: 36104-6

Sigma: I2392

>>Variant: ($\pm$)-form

Molecular Formula: C₁₁H₁₁I₃O₃

Molecular Weight: 571.92

Accurate Mass: 571.784239

Percentage Composition: C 23.10%; H 1.94%; I 66.57%; O 8.39%

Melting Point: Mp 143-144°

References:

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