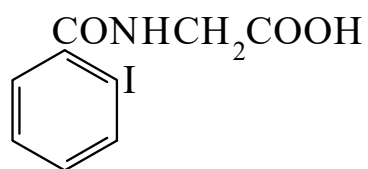




>>Entry Name: (2-Iodobenzoyl)aminoacetic acid

Synonym(s): *N*-(2-Iodobenzoyl)glycine, 9Cl. *o*-Iodohippuric acid



CAS Registry Number: 147-58-0

Related CAS Registry Numbers(s): 881-17-4 7230-65-1 56254-07-0

Molecular Formula: C₉H₈INO₃

Molecular Weight: 305.072

Accurate Mass: 304.954892

Percentage Composition: C 35.43%; H 2.64%; I 41.60%; N 4.59%; O 15.73%

Use/Importance: Radiopaque medium

Physical Description: Needles (H₂O)

Melting Point: Mp 170°

Calculated Log P Data: Log P 0.9 (calc)

Aldrich: 10657-7

Fluka: 57892

>>Derivative: Na salt

Synonym(s): Iodohippurate sodium, USAN. Hippodin. Hippuran. Iodairal. Medopaque. Orthoiodin. Renumbral. Urocontrast. Nephroflow. Hipputope

CAS Registry Number: 133-17-5

Physical Description: Cryst. + 2H₂O

Other Data: ¹²³I, ¹²⁵I and ¹²⁷I labelled compds. are used as radioactive agents (Iodohippurate Sodium I 123, USAN, Iodohippurate Sodium I 125, USAN, Iodohippurate Sodium I 127, USAN)

Hazard & Toxicity: LD₅₀ (rat, ivn) 4000 mg/kg

>>Derivative: Me ester

CAS Registry Number: 69238-60-4

Molecular Formula: C₁₀H₁₀INO₃

Molecular Weight: 319.098

Accurate Mass: 318.970542

Percentage Composition: C 37.64%; H 3.16%; I 39.77%; N 4.39%; O 15.04%

Physical Description: Cryst. (EtOAc/hexane)

Melting Point: Mp 100-102°

References:

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