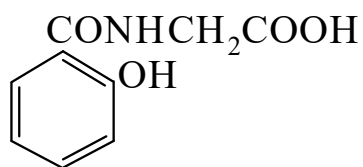




>>Entry Name: *N*-(2-Hydroxybenzoyl)glycine, 9CI

ENTRY UNDER REVIEW

Synonym(s): *o*-Hydroxyhippuric acid, 8CI. Salicyloylaminoacetic acid. Salicyloylglycine. Salicyluric acid. 2-Hydroxybenzamidoacetic acid



CAS Registry Number: 487-54-7

Molecular Formula: C₉H₉NO₄

Molecular Weight: 195.174

Accurate Mass: 195.053159

Percentage Composition: C 55.39%; H 4.65%; N 7.18%; O 32.79%

Biological Source: Constit. of milk

Physical Description: Needles (H₂O or EtOH/C₆H₆)

Melting Point: Mp 170-172°

Hazard & Toxicity: LD₅₀ (rat, scu) 3000 mg/kg

Aldrich: 13406-6

Sigma: H7254

>>Derivative: Et ester

CAS Registry Number: 5853-89-4

Molecular Formula: C₁₁H₁₃NO₄

Molecular Weight: 223.228

Accurate Mass: 223.084459

Percentage Composition: C 59.19%; H 5.87%; N 6.27%; O 28.67%

Physical Description: Needles (H₂O or Et₂O)

Melting Point: Mp 98-99°

>>Derivative: Ac

CAS Registry Number: 5853-85-0

Molecular Formula: C₁₁H₁₁NO₅

Molecular Weight: 237.212

Accurate Mass: 237.063724

Percentage Composition: C 55.70%; H 4.67%; N 5.90%; O 33.72%

Melting Point: Mp 147-149°

>>Derivative: Et ether

Molecular Formula: C₁₁H₁₃NO₄

Molecular Weight: 223.228

Accurate Mass: 223.084459

Percentage Composition: C 59.19%; H 5.87%; N 6.27%; O 28.67%

Melting Point: Mp 176°

References:

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