



>>Derivative: *N*-(Phenylacetyl)

CAS Registry Number: 27255-72-7

Molecular Formula: C₁₆H₁₆N₂O₄S

Molecular Weight: 332.379

Accurate Mass: 332.083078

Percentage Composition: C 57.82%; H 4.85%; N 8.43%; O 19.25%; S 9.65%

Physical Description: Cryst. (2-propanol/petrol)

Melting Point: Mp 198-200°

>>Derivative: *N*-(Phenoxyacetyl)

CAS Registry Number: 10209-11-7

Molecular Formula: C₁₆H₁₆N₂O₅S

Molecular Weight: 348.379

Accurate Mass: 348.077993

Percentage Composition: C 55.16%; H 4.63%; N 8.04%; O 22.96%; S 9.20%

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 186-188°

>>Derivative: 10-Acetoxy

References:

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Chauvette, R.R. *et al.*, *J.O.C.*, 1971, **36**, 1259-1267, (*N*-phenylacetyl, *N*-phenoxyacetyl)
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Barrett, A.G.M., *J.C.S. Perkin I*, 1979, 1629, (*synth*, *uv*, *ir*, *pmr*, *ms*)
Hashimoto, T. *et al.*, *Chem. Pharm. Bull.*, 1980, **28**, 2980, (*synth*, *ir*, *pmr*)
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