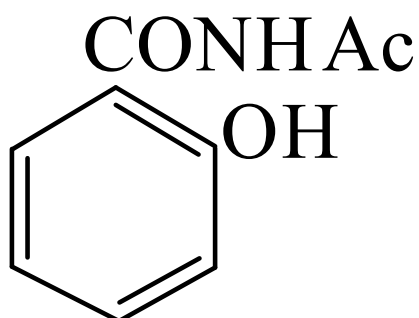




>>Entry Name: *N*-Acetyl-2-hydroxybenzamide, 9CI

Synonym(s): *N*-Acetylsalicylamide, 8CI. **Salacetamide**, INN. Acetylamide. Arthrisin. Causerin. Dolsed. Ethrisin.

Labazyl†. Nacemide. Rixamone. Salicyl. L 749



CAS Registry Number: 487-48-9

Molecular Formula: $C_9H_9NO_3$

Molecular Weight: 179.175

Accurate Mass: 179.058244

Percentage Composition: C 60.33%; H 5.06%; N 7.82%; O 26.79%

Use/Importance: Analgesic, antipyretic, antiinflammatory, antirheumatic agent

Melting Point: Mp 148°

Calculated Log P Data: Log P 0.48 (uncertain value) (calc)

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

Rare Chemicals Library: S40333-4

References:

Hicks, W.L., *J.C.S.*, 1910, **97**, 1032, (*synth*)

Rayet, P. *et al.*, *Arch. Int. Pharmacodyn. Ther.*, 1951, **88**, 159, (*metab*)

Prost, M. *et al.*, *Experientia*, 1962, **18**, 319, (*synth, pharmacol*)

Goenechea, S. *et al.*, *Arch. Toxikol.*, 1969, **25**, 89, (*tlc*)

Pellegata, R. *et al.*, *Synthesis*, 1985, 517, (*synth*)

Vyas, K. *et al.*, *Acta Cryst. C*, 1987, **43**, 1201, (*cryst struct*)