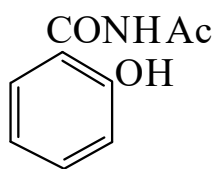




>>Entry Name: **N-Acetyl-2-hydroxybenzamide**, 9CI

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<sub>9</sub>H<sub>9</sub>NO<sub>3</sub>

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:** LD<sub>50</sub> (rat, orl) 2000 mg/kg

Rare Chemicals Library: S40333-4

#### References:

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

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

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