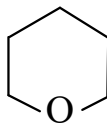




>>Entry Name: Tetrahydropyran, 9CI

Synonym(s): Pentamethylene oxide. Pyran tetrahydride. Oxane



CAS Registry Number: 142-68-7

Molecular Formula: C₅H₁₀O

Molecular Weight: 86.133

Accurate Mass: 86.073165

Percentage Composition: C 69.72%; H 11.70%; O 18.58%

Physical Description: Liq. with characteristic odour

Boiling Point: Bp 88°

Density: d₄¹⁵ 0.8855

pKa Value: pK_a -2.79 (25°, H₂SO₄ aq.)

Refractive Index: n_D^{18.5} 1.4195

Other Data: Steam-volatile

Hazard & Toxicity: Eye irritant. Highly flammable, fl. p. -20°. Can form explosive peroxides

Aldrich: T1440-0

Fluka: 87470

Sigma: T8513

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