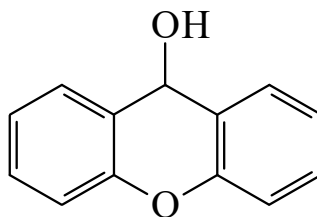




>>Entry Name: **9H-Xanthen-9-ol**, 10CI

Synonym(s): 9-Hydroxyxanthene. Xanthidrol. Xanthenol



CAS Registry Number: 90-46-0

Molecular Formula: C₁₃H₁₀O₂

Molecular Weight: 198.221

Accurate Mass: 198.06808

Percentage Composition: C 78.77%; H 5.08%; O 16.14%

Use/Importance: Used for characterization of urea and other primary amides

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 123°

pKa Value: pK_a -0.34 (15°, H₂SO₄ aq.)

Other Data: Conc. H₂SO₄ → yellow soln. with green fluor.

Aldrich: 25257-3

Fluka: 95580

Rare Chemicals Library: S60043-1

>>Derivative: 4-Methylbenzenesulfonyl

Physical Description: Cryst. (AcOH)

Melting Point: Mp 206-208°

References:

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