



>>Derivative: Benzoyl

>>Derivative: Me ether

>>Derivative: Et ether

>>Derivative: Vinyl ether

>>Derivative: 1,1,2,2-Tetrafluoroethyl ether

CAS Registry Number: 350-57-2

Molecular Formula: C₈H₆F₄O

Molecular Weight: 194.128

Accurate Mass: 194.035477

Percentage Composition: C 49.50%; H 3.12%; F 39.15%; O 8.24%

Boiling Point: Bp 145-147°

Refractive Index: n_D²⁵ 1.4218

>>Derivative: 2-Propenyl ether

Synonym(s): 2-Propenyloxybenzene, 9Cl. Allyl phenyl ether

CAS Registry Number: 1746-13-0

Molecular Formula: C₉H₁₀O

Molecular Weight: 134.177

Accurate Mass: 134.073165

Percentage Composition: C 80.56%; H 7.51%; O 11.92%

Use/Importance: Protecting agent for alcohols

Physical Description: Liq. with geranium odour

Boiling Point: Bp 192-195°

Density: d₄¹⁵ 0.986

Other Data: Steam-volatile

Aldrich: A3520-8

Fluka: 6055

>>Derivative: Isopropyl ether

References:

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- England, D.C. *et al.*, *J.A.C.S.*, 1960, **82**, 5116, (*tetrafluoroethyl ether*)
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- Fieser and Fieser's Reagents for Organic Synthesis*, Wiley, 1967, **1**, 828; **11**, 14; **5**, 175; **6**, 307; **4**, 365; **1**, 1102, (*use, allyl ether*)
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