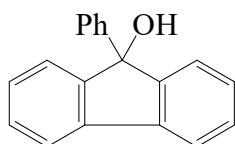




>>Entry Name: 9-Phenyl-9*H*-fluoren-9-ol, 9Cl



CAS Registry Number: 25603-67-2

Molecular Formula: C₁₉H₁₄O

Molecular Weight: 258.319

Accurate Mass: 258.104465

Percentage Composition: C 88.34%; H 5.46%; O 6.19%

Use/Importance: Host forming cryst. inclusion compds. with a variety of uncharged org. molecules, e.g. C₆H₆, dioxan

Physical Description: Pale yellow needles (isooctane)

Melting Point: Mp 85-86°. Mp 107-108°

>>Derivative: Me ether

Synonym(s): 9-Methoxy-9-phenyl-9*H*-fluorene, 9Cl

CAS Registry Number: 56849-87-7

Molecular Formula: C₂₀H₁₆O

Molecular Weight: 272.346

Accurate Mass: 272.120115

Percentage Composition: C 88.20%; H 5.92%; O 5.87%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 92-93°

References:

Weber, E. *et al.*, *J.C.S. Perkin 2*, 1990, 2167-2177, (*synth, use*)

Csoeregh, I. *et al.*, *J. Phys. Org. Chem.*, 1993, **6**, 171-178, (*cryst struct*)

Org. Synth., Coll. Vol., 9, 1998, 103-106, (*synth, cmr*)