



>>Entry Name: 2-Hydroxy-5-nitrodiphenyl ether

Synonym(s): 4-Nitro-2-phenoxyphenol, 9Cl, 8Cl

CAS Registry Number: 70995-08-3

Molecular Formula: C₁₂H₉NO₄

Molecular Weight: 231.207

Accurate Mass: 231.053159

Percentage Composition: C 62.34%; H 3.92%; N 6.06%; O 27.68%

Physical Description: Pale-yellow cryst. (petrol)

Melting Point: Mp 63°

>>Derivative: Me ether

Synonym(s): 2-Methoxy-5-nitrodiphenyl ether

CAS Registry Number: 14064-93-8

Molecular Formula: C₁₃H₁₁NO₄

Molecular Weight: 245.234

Accurate Mass: 245.068809

Percentage Composition: C 63.67%; H 4.52%; N 5.71%; O 26.10%

Physical Description: Needles (EtOH)

Melting Point: Mp 72°

References:

Brewster, R.Q. *et al.*, *J.A.C.S.*, 1939, **61**, 2702