



>>Entry Name: 3,4'-Diaminodiphenyl ether

Synonym(s): 3-(4-Aminophenoxy)benzenamine, 9Cl. 3,4'-Oxydianiline, 8Cl

CAS Registry Number: 2657-87-6

Molecular Formula: C₁₂H₁₂N₂O

Molecular Weight: 200.24

Accurate Mass: 200.094963

Percentage Composition: C 71.98%; H 6.04%; N 13.99%; O 7.99%

Use/Importance: Monomer for polyamides and polyimides

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 72°

References:

Brewster, R.Q. *et al.*, *J.A.C.S.*, 1934, **56**, 117-120, (*synth*)

Xiao, H. *et al.*, *CA*, 1992, **116**, 152447c, (*synth*)