



>>Entry Name: **2,4'-Dinitrodiphenyl ether**

Synonym(s): 1-Nitro-2-(4-nitrophenoxy)benzene, 9Cl. *o*-Nitrophenyl *p*-nitrophenyl ether, 8Cl

CAS Registry Number: 5950-83-4

Structure by analogy with 2,2'-Dinitrodiphenyl ether, [FBG00-L](#)

Molecular Formula: C₁₂H₈N₂O₅

Molecular Weight: 260.206

Accurate Mass: 260.043323

Percentage Composition: C 55.39%; H 3.10%; N 10.77%; O 30.74%

Physical Description: Needles (EtOH)

Melting Point: Mp 103.5°

References:

Björklund, C. *et al.*, *Acta Chem. Scand., Ser. B*, 1976, **30**, 576