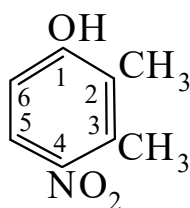




>>Entry Name: **2,3-Dimethyl-4-nitrophenol**, 9CI

Synonym(s): 4-Nitro-2,3-xlenol, 8CI



CAS Registry Number: 19499-93-5

Molecular Formula: C₈H₉NO₃

Molecular Weight: 167.164

Accurate Mass: 167.058244

Percentage Composition: C 57.48%; H 5.43%; N 8.38%; O 28.71%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 122-124°

>>Derivative: Me ether

Synonym(s): 1-Methoxy-2,3-dimethyl-4-nitrobenzene. 2,3-Dimethyl-4-nitroanisole. 3-Methoxy-6-nitro-*o*-xylene

CAS Registry Number: 81029-03-0

Molecular Formula: C₉H₁₁NO₃

Molecular Weight: 181.191

Accurate Mass: 181.073894

Percentage Composition: C 59.66%; H 6.12%; N 7.73%; O 26.49%

Physical Description: Cryst. (cyclohexene)

Melting Point: Mp 73-74°

References:

Carruthers, W. *et al.*, *J.C.S.*, 1959, 2813, (*synth, uv, Me ether*)

Troxler, F. *et al.*, *Helv. Chim. Acta*, 1968, **51**, 1203, (*synth*)