



>>Entry Name: 4-Iodo-3-nitrophenol

Molecular Formula: C₆H₄INO₃

Molecular Weight: 265.007

Accurate Mass: 264.923592

Percentage Composition: C 27.19%; H 1.52%; I 47.89%; N 5.29%; O 18.11%

Physical Description: Yellow needles (H₂O)

Melting Point: Mp 156°

>>Derivative: Ac

Molecular Formula: C₈H₆INO₄

Molecular Weight: 307.044

Accurate Mass: 306.934157

Percentage Composition: C 31.29%; H 1.97%; I 41.33%; N 4.56%; O 20.84%

Physical Description: Needles (EtOH)

Melting Point: Mp 107.5°

>>Derivative: Me ether

Synonym(s): 1-Iodo-4-methoxy-2-nitrobenzene. 4-Iodo-3-nitroanisole

CAS Registry Number: 58755-70-7

Molecular Formula: C₇H₆INO₃

Molecular Weight: 279.034

Accurate Mass: 278.939242

Percentage Composition: C 30.13%; H 2.17%; I 45.48%; N 5.02%; O 17.20%

Physical Description: Yellow needles (EtOH)

Melting Point: Mp 63.5°

Rare Chemicals Library: S54498-1

References:

Hähle, H., *J. Prakt. Chem.*, 1891, **43**, 62, (*synth*)