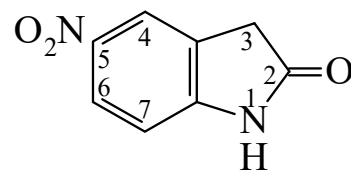




>>Entry Name: 5-Nitrooxindole

Synonym(s): 1,3-Dihydro-5-nitro-1*H*-indol-2-one, 9Cl



CAS Registry Number: 20870-79-5

Molecular Formula: C₈H₆N₂O₃

Molecular Weight: 178.147

Accurate Mass: 178.037843

Percentage Composition: C 53.94%; H 3.39%; N 15.72%; O 26.94%

Physical Description: Needles (AcOH aq.)

Melting Point: Mp 240-241°

>>Derivative: 1-Me

Synonym(s): 1-Methyl-5-nitrooxindole. 1,3-Dihydro-1-methyl-5-nitro-2*H*-indol-2-one, 9Cl

CAS Registry Number: 20870-89-7

Molecular Formula: C₉H₈N₂O₃

Molecular Weight: 192.174

Accurate Mass: 192.053493

Percentage Composition: C 56.25%; H 4.20%; N 14.58%; O 24.98%

Physical Description: Cryst.

Melting Point: Mp 191-192°

Rare Chemicals Library: S89506-7

References:

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Augusti, R. *et al.*, *J.O.C.*, 1993, **58**, 7079, (*1-Me, synth*)