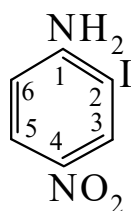




>>Entry Name: **2-Iodo-4-nitroaniline**

Synonym(s): 2-Iodo-4-nitrobenzenamine, 9CI



CAS Registry Number: 6293-83-0

Molecular Formula: C₆H₅IN₂O₂

Molecular Weight: 264.022

Accurate Mass: 263.939576

Percentage Composition: C 27.30%; H 1.91%; I 48.07%; N 10.61%; O 12.12%

Physical Description: Yellow red cryst.

Melting Point: Mp 105°

>>Derivative: N-Ac

Synonym(s): 2-Iodo-4-nitroacetanilide

CAS Registry Number: 19591-18-5

Molecular Formula: C₈H₇IN₂O₃

Molecular Weight: 306.059

Accurate Mass: 305.950141

Percentage Composition: C 31.40%; H 2.31%; I 41.46%; N 9.15%; O 15.68%

Melting Point: Mp 128-130°. Mp 139°

References:

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Katritzky, A.R. *et al.*, *J.O.C.*, 1986, **51**, 5039-5040, (*synth*)

Sy, W.W., *Synth. Commun.*, 1992, **22**, 3215-3219, (*synth*)

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