



>>Entry Name: 4-Iodo-3-nitrobenzoic acid

CAS Registry Number: 35674-27-2

Molecular Formula: $C_7H_4INO_4$

Molecular Weight: 293.017

Accurate Mass: 292.918507

Percentage Composition: C 28.69%; H 1.38%; I 43.31%; N 4.78%; O 21.84%

Physical Description: Yellow prisms (EtOH)

Melting Point: Mp 213°

>>Derivative: Et ester

CAS Registry Number: 57362-77-3

Molecular Formula: $C_9H_8INO_4$

Molecular Weight: 321.071

Accurate Mass: 320.949807

Percentage Composition: C 33.67%; H 2.51%; I 39.53%; N 4.36%; O 19.93%

Physical Description: Orange cryst. (MeOH)

Melting Point: Mp 78-81°. Mp 88-89.5°

References:

Hodgson, H.H. *et al.*, *J.C.S.*, 1927, 20