



>>Entry Name: 7-Nitro-1*H*-indole-2-carboxylic acid

CAS Registry Number: 6960-45-8

Molecular Formula: C₉H₆N₂O₄

Molecular Weight: 206.157

Accurate Mass: 206.032758

Percentage Composition: C 52.44%; H 2.93%; N 13.59%; O 31.04%

Physical Description: Yellow cryst.

Melting Point: Mp 231°

Other Data: Decarboxylates at 220°

>>Derivative: Et ester

CAS Registry Number: 6960-46-9

Molecular Formula: C₁₁H₁₀N₂O₄

Molecular Weight: 234.211

Accurate Mass: 234.064058

Percentage Composition: C 56.41%; H 4.30%; N 11.96%; O 27.32%

Physical Description: Yellow needles (EtOH aq.)

Melting Point: Mp 92-93°

References:

Parmeter, S.M. *et al.*, *J.A.C.S.*, 1958, **80**, 4261