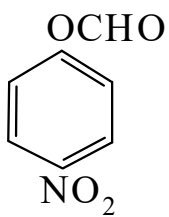




>>Entry Name: 4-Nitrophenyl formate



CAS Registry Number: 1865-01-6

Molecular Formula: C₇H₅NO₄

Molecular Weight: 167.121

Accurate Mass: 167.021859

Percentage Composition: C 50.31%; H 3.02%; N 8.38%; O 38.29%

Use/Importance: Formylating agent for ornithine and lysine NH₂ groups

Physical Description: Cryst. (THF or EtOH aq.)

Melting Point: Mp 72-74° (65-68°)

Other Data: Stable only when very pure

Fluka: 6554

Rare Chemicals Library: S61655-9

Sigma: N0768

References:

Okawa, K. *et al.*, *Bull. Chem. Soc. Jpn.*, 1963, **36**, 754, (*synth*)

Shosuke, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1967, **40**, 2942, (*synth*)

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1967, **1**, 744, (*use*)

Martinez, J. *et al.*, *Synthesis*, 1982, 979, (*synth, use*)