



Melting Point: Mp 190° (186°)

Other Data: Sublimes

>>**Derivative:** Anhydride

Synonym(s): Naphtho[1,2-*c*]furan-1,3-dione, 9CI

CAS Registry Number: 5343-99-7

Molecular Formula: C₁₂H₆O₃

Molecular Weight: 198.178

Accurate Mass: 198.031695

Percentage Composition: C 72.73%; H 3.05%; O 24.22%

Physical Description: Needles (EtOH)

Melting Point: Mp 168-169°

Other Data: Sublimes

Rare Chemicals Library: S66291-7

>>**Derivative:** Imide

Synonym(s): 2*H*-Naphtho[1,2-*c*]pyrrole-1,3-dione. 1*H*-Benz[*e*]isoindole-1,3(2*H*)-dione, 9CI

CAS Registry Number: 4379-50-4

Molecular Formula: C₁₂H₇NO₂

Molecular Weight: 197.193

Accurate Mass: 197.047679

Percentage Composition: C 73.09%; H 3.58%; N 7.10%; O 16.23%

Melting Point: Mp 224°

References:

- Freund, M. *et al.*, *Annalen*, 1913, **399**, 182, (*synth*)
Waldmann, H. *et al.*, *J. Prakt. Chem.*, 1930, **127**, 195, (*anhydride*)
Bradbrook, E.F. *et al.*, *J.C.S.*, 1936, 1739, (*dinitrile*)
Org. Synth., Coll. Vol., 2, 1943, 423, (*anhydride*)
Alder, K. *et al.*, *Annalen*, 1955, **595**, 1, (*synth*)
Davies, C., *Fuel*, 1973, **52**, 270; 1974, **53**, 105, (*ir, uv*)
Newman, M.S. *et al.*, *J.O.C.*, 1976, **41**, 3925, (*anhydride*)
Brown, R.F.C. *et al.*, *Aust. J. Chem.*, 1989, **42**, 1435, (*l-nitrile*)
Giese, R.W. *et al.*, *J.O.C.*, 1990, **55**, 2159, (*synth, pmr, ms*)
Gerkin, R.E. *et al.*, *Acta Cryst. B*, 1992, **48**, 290, (*cryst struct*)