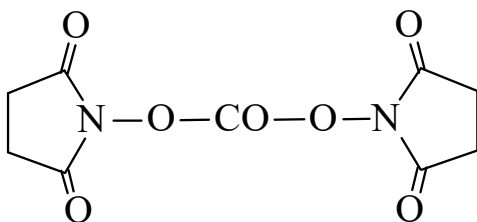




>>Entry Name: *N,N'*-Disuccinimido carbonate

Synonym(s): 1,1'-[Carbonylbis(oxy)]bis-2,5-pyrrolidinedione



CAS Registry Number: 74124-79-1

Molecular Formula: $C_9H_8N_2O_7$

Molecular Weight: 256.171

Accurate Mass: 256.033153

Percentage Composition: C 42.20%; H 3.15%; N 10.94%; O 43.72%

Use/Importance: Reagent for active ester synthesis.

Physical Description: Prisms

Melting Point: Mp 211-215 dec.°

Aldrich: 22582-7

Fluka: 43720

Sigma: S3773

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 796D, (ir)

Ogura, H. *et al.*, *Tet. Lett.*, 1979, 4745, (synth, use)

Ogura, H. *et al.*, *Tet. Lett.*, 1981, **22**, 4817, (use)

Takeda, K. *et al.*, *Synth. Commun.*, 1982, **12**, 213, (use)

Takeda, K. *et al.*, *Tet. Lett.*, 1983, **24**, 4569, (use)

Pereira, D. *et al.*, *Synth. Commun.*, 1998, **28**, 4019-4024, (synth, pmr, cmr)