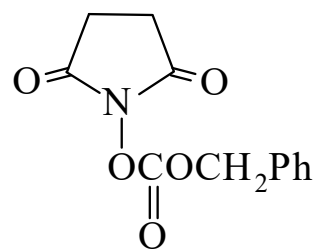




>>Entry Name: *N*-(Benzyloxycarbonyloxy)succinimide

Synonym(s): 1-[[[(Phenylmethoxy)carbonyl]oxy]-2,5-pyrrolidinedione



CAS Registry Number: 13139-17-8

Molecular Formula: C₁₂H₁₁NO₅

Molecular Weight: 249.223

Accurate Mass: 249.063724

Percentage Composition: C 57.83%; H 4.45%; N 5.62%; O 32.10%

Use/Importance: Protecting agent in peptide synth.

Physical Description: Cryst. (EtOAc/hexane)

Melting Point: Mp 79.5-81.5°

Aldrich: 22778-1

Fluka: 13631

Sigma: B3889

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 1451B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 397D, (*ir*)

Paquet, A., *Can. J. Chem.*, 1976, **54**, 733, (*synth, use*)

Aimoto, S. *et al.*, *Bull. Chem. Soc. Jpn.*, 1978, **51**, 205, (*synth, use*)