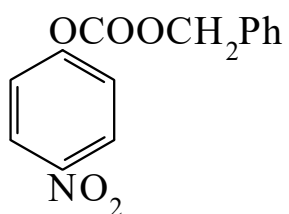




>>Entry Name: Benzyl *p*-nitrophenyl carbonate

Synonym(s): Carbonic acid benzyl *p*-nitrophenyl ester, 8Cl



CAS Registry Number: 13795-24-9

Molecular Formula: $\text{C}_{14}\text{H}_{11}\text{NO}_5$

Molecular Weight: 273.245

Accurate Mass: 273.063724

Percentage Composition: C 61.54%; H 4.06%; N 5.13%; O 29.28%

Use/Importance: Used to introduce a benzyloxycarbonyl group for amino acid protection

Melting Point: Mp 78-80°

Aldrich: 27767-3

References:

Chorev, M. *et al.*, *Chem. Comm.*, 1976, 596, (use)

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1979, 7, 78, (use)