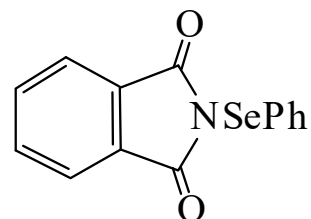




>>Entry Name: 2-(Phenylseleno)-1*H*-isoindole-1,3(2*H*)-dione, 9CI

Synonym(s): *N*-(Phenylseleno)phthalimide



CAS Registry Number: 71098-88-9

Molecular Formula: C₁₄H₉NO₂Se

Molecular Weight: 302.191

Accurate Mass: 302.979849

Percentage Composition: C 55.65%; H 3.00%; N 4.64%; O 10.59%; Se 26.13%

Use/Importance: Phenylselenenylating agent

Physical Description: Cryst. (CH₂Cl₂/Et₂O)

Melting Point: Mp 171-175 dec.°

Other Data: Stable at r.t. stored under Ar

Aldrich: 25461-4

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 408C, (*ir*)

Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1981, **9**, 366; **10**, 312; **11**, 417; **12**, 390; **13**, 245

Nicolaou, K.C. *et al.*, *Tetrahedron*, 1985, **41**, 4835, (*synth, ir, pmr, ms, use*)