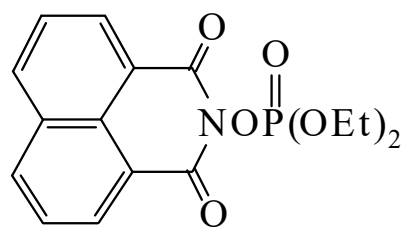




>>Entry Name: Naftalofos, INN, USAN

Synonym(s): 2-[(Diethoxyphosphinyl)oxy]-1*H*-benz[*de*]isoquinoline-1,3(2*H*)-dione, 9Cl. *N*-Hydroxynaphthalimide diethyl phosphate, 8Cl. Naphthalophos, BAN. Maretin. Rametin. Bayer 9002. E 9002. ENT 25567. S940. Phthalophos



CAS Registry Number: 1491-41-4

Molecular Formula: C₁₆H₁₆NO₆P

Molecular Weight: 349.279

Accurate Mass: 349.071526

Percentage Composition: C 55.02%; H 4.62%; N 4.01%; O 27.48%; P 8.87%

Use/Importance: Veterinary anthelmintic and nematocide. Also metab. of corresponding thiophosphate, Bayer 22408

Physical Description: Cryst. (EtOH)

Melting Point: Mp 115-116°. Mp 174-179°

References:

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Gatterdan, P.E. *et al.*, *J. Econ. Entomol.*, 1962, **55**, 326, (*pharmacol*)

Werbel, L.M. *et al.*, *J. Med. Chem.*, 1967, **10**, 32, (*synth*)

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