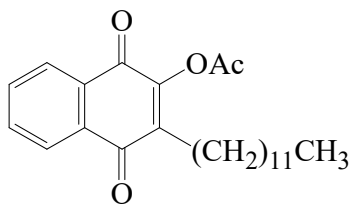




>>Entry Name: Acequinocyl

Synonym(s): 2-(Acetyloxy)-3-dodecyl-1,4-naphthalenedione, 9CI. 3-Dodecyl-1,4-dihydro-1,4-dioxo-2-naphthylacetate. AKD 2023



CAS Registry Number: 57960-19-7

Molecular Formula: C₂₄H₃₂O₄

Molecular Weight: 384.514

Accurate Mass: 384.23006

Percentage Composition: C 74.97%; H 8.39%; O 16.64%

Use/Importance: Acaricide

Physical Description: Powder

Melting Point: Mp 60°

Hazard & Toxicity: LD₅₀ (rat, orl) >5000 mg/kg

References:

Ger. Pat., 1975, *du Pont de Nemours*, 2 520 739; *CA*, **84**, 70356d, (*synth, activity*)

Schuster, D.J. *et al.*, *J. Econ. Entomol.*, 1979, **72**, 360-361, (*activity*)

Marsden, D.A. *et al.*, *J. Econ. Entomol.*, 1980, **73**, 168-171, (*activity*)

Jacobsen, N. *et al.*, *Pestic. Sci.*, 1986, **17**, 511-516; 686-690, (*synth, sar, activity*)

Pesticide Manual, 11th edn., 1997, 12