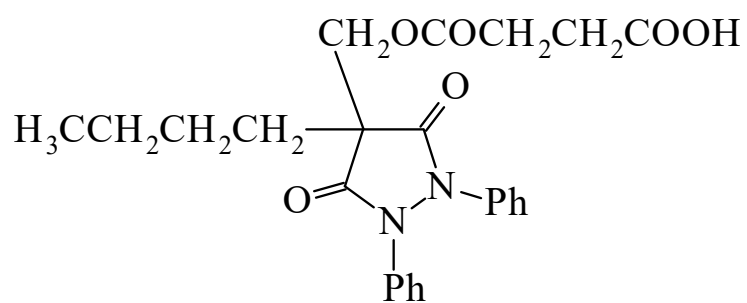




>>Entry Name: Suxibuzone, INN, JAN

Synonym(s): 4-Butyl-4-(hydroxymethyl)-1,2-diphenyl-3,5-pyrazolidinedione hydrogen succinate, 8Cl. Alfide. Calibene. Danilon. AE-17. Flamilon. Solurol. Many other names



CAS Registry Number: 27470-51-5

Molecular Formula: C₂₄H₂₆N₂O₆

Molecular Weight: 438.479

Accurate Mass: 438.179088

Percentage Composition: C 65.74%; H 5.98%; N 6.39%; O 21.89%

Use/Importance: Antiinflammatory agent

Physical Description: Bitter cryst. (EtOH)

Melting Point: Mp 126-127°

Calculated Log P Data: Log P 3.46 (calc)

Hazard & Toxicity: LD₅₀ (rat, orl) 1700 mg/kg. LD₅₀ (rat, ivn) 305 mg/kg. Exp. reprod. and teratogenic effects

Sigma: S5521

References:

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Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 35

Negwer, M., *Organic-Chemical Drugs and their Synonyms*, 7th edn., Akademie-Verlag, 1994, 9801, (*synonyms*)

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