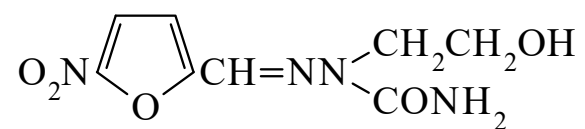




>>Entry Name: Nidroxyzone, INN

Synonym(s): 1-(2-Hydroxyethyl)-2-[(5-nitro-2-furanyl)methylene]hydrazinecarboxamide, 9Cl. 5-Nitro-2-furaldehyde 2-(2-hydroxyethyl)semicarbazone, 8Cl. Furadroxyl. Furaxolon. Hydroxyethylnitrofurazone. NF 67



CAS Registry Number: 405-22-1

Molecular Formula: C₈H₁₀N₄O₅

Molecular Weight: 242.191

Accurate Mass: 242.065121

Percentage Composition: C 39.67%; H 4.16%; N 23.13%; O 33.03%

Use/Importance: Antiinfective agent

Physical Description: Bright orange plates

Development Status: No longer marketed

Melting Point: Mp 214-216 dec.°

Hazard & Toxicity: LD₅₀ (mus, orl) 600 mg/kg. Exp. reprod. effects

References:

Kashiwara, M. *et al.*, *Nippon Kagaku Kaishi*, 1952, **55**, 593, (*synth*)

Hayes, K. *et al.*, *J.A.C.S.*, 1955, **77**, 2282, (*synth*)

Ger. Pat., 1961, *Norwich Pharm*, 974 710; *CA*, **57**, 7233c, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, FPE100