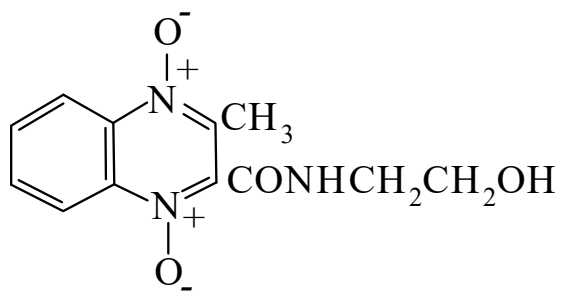




>>Entry Name: Olaquinox, BAN, INN

Synonym(s): *N*-(2-Hydroxyethyl)-3-methyl-2-quinoxalinecarboxamide 1,4-dioxide, 9Cl, 8Cl. BayoNox. Celbar. Fedan. Bay Va 9391. Bisergon



CAS Registry Number: 23696-28-8

Molecular Formula: C₁₂H₁₃N₃O₄

Molecular Weight: 263.252

Accurate Mass: 263.090607

Percentage Composition: C 54.75%; H 4.98%; N 15.96%; O 24.31%

Use/Importance: Vet. growth promoter, bactericide

Physical Description: Pale yellow cryst.

Melting Point: Mp 209 dec.°

Calculated Log P Data: Log P -0.49 (calc)

Hazard & Toxicity: Skin photosensitiser. LD₅₀ (rat, orl) 1717 mg/kg. Mutagenic props.

References:

Ger. Pat., 1972, *Pfizer*, 2 212 932; *CA*, **78**, 4281a, (*synth, pharmacol*)

Dos Ramos, F.J. *et al.*, *J. Chromatogr.*, 1991, **558**, 125, (*hplc*)

Eberlein, B. *et al.*, *Photodermatology*, 1992, **9**, 63, (*tox*)

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