



>>Entry Name: Fusafungine, BAN, INN

Synonym(s): Biofusol. Fusaloyos. **Fusarine**‡. Locabiotol. Locabiosol. S 314

CAS Registry Number: 1393-87-9

General Statement: Struct. unknown

Biological Source: Antibiotic from *Fusarium* spp.

Use/Importance: Used as an aerosol for local application for treatment of upper respiratory tract infections

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 125-129°

Solubility: Pract. insol. H₂O; sol. glycols, fats; BERDY SOL: Sol. MeOH, hexane; poorly sol. H₂O

Other Data: Stable up to 180°

Hazard & Toxicity: LD₅₀ (mus, orl) 350 mg/kg ; BERDY HAZD : LD₅₀ (mus, orl) 350 mg/kg

References:

Fr. Pat., 1958, 1 164 181; *CA*, **54**, 20074b, (*isol*)

U.K. Pat., 1966, 1 018 626; *CA*, **64**, 16585b

Haler, D. *et al.*, *J. Int. Med. Res.*, 1977, **5**, 61, (*props*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 168