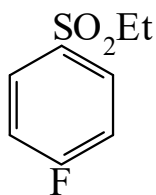




>>Entry Name: **Fluoresone**, INN

Synonym(s): 1-(Ethylsulfonyl)-4-fluorobenzene, 9CI. Ethyl 4-fluorophenyl sulfone, 8CI. Floretione. Bripadon. Caducid. ANP 215



CAS Registry Number: 2924-67-6

Molecular Formula: C₈H₉FO₂S

Molecular Weight: 188.222

Accurate Mass: 188.030728

Percentage Composition: C 51.05%; H 4.82%; F 10.09%; O 17.00%; S 17.04%

Use/Importance: Tranquilliser, antiepileptic agent

Melting Point: Mp 39.5°

Calculated Log P Data: Log P 1.3 (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 542 mg/kg. LD₅₀ (mus, ivn) 320 mg/kg

References:

Fr. Pat., 1962, CNRS, M399; *CA*, **57**, 16764h, (*pharmacol*)

Mignot, A.A. *et al.*, *Bull. Soc. Chim. Fr.*, 1968, 435, (*synth*)

Marozzi, E. *et al.*, *Farmaco, Ed. Prat.*, 1976, **31**, 180, (*glc, tox*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 595

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., *Van Nostrand Reinhold*, 1992, FLG000