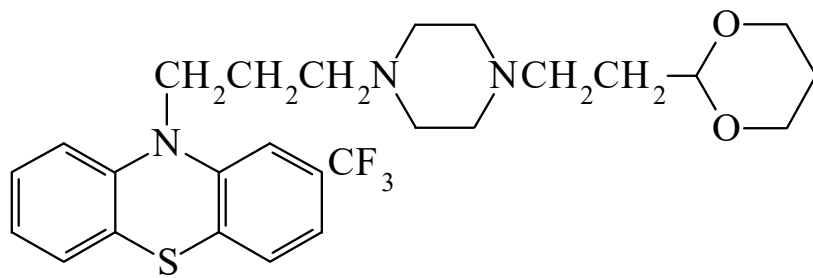




>>Entry Name: Oxaflumazine, INN

Synonym(s): 10-[3-[4-[2-(1,3-Dioxan-2-yl)ethyl]-1-piperazinyl]propyl]-2-(trifluoromethyl)-10*H*-phenothiazine, 9Cl. 10-[3-[4-(2-*m*-Dioxan-2-ylethyl)-1-piperazinyl]propyl]-2-(trifluoromethyl)phenothiazine, 8Cl



CAS Registry Number: 16498-21-8

Molecular Formula: C<sub>26</sub>H<sub>32</sub>F<sub>3</sub>N<sub>3</sub>O<sub>2</sub>S

Molecular Weight: 507.619

Accurate Mass: 507.216731

Percentage Composition: C 61.52%; H 6.35%; F 11.23%; N 8.28%; O 6.30%; S 6.32%

Use/Importance: Tranquilliser. Neuroleptic agent

Calculated Log P Data: Log P 5.9 (uncertain value) (calc)

>>Derivative: Disuccinate

Synonym(s): Oxaflumine. SD 270-31

CAS Registry Number: 7450-97-7

Physical Description: Cryst. (MeCN)

Melting Point: Mp 136-138°

Hazard & Toxicity: LD<sub>50</sub> (mus, orl) 919 mg/kg. LD<sub>50</sub> (mus, ipr) 175 mg/kg

#### References:

Ratouis, R. *et al.*, *Bull. Soc. Chim. Fr.*, 1966, 2963, (*synth*)

Boissier, J.R. *et al.*, *Therapie*, 1971, **26**, 227; 481, (*pharmacol, tox*)

Boissier, J.R. *et al.*, *Ann. Pharm. Fr.*, 1972, **30**, 851, (*metab*)

*Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 7074*