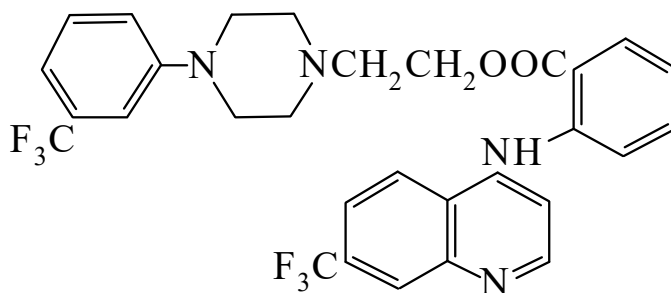




>>Entry Name: Antrafenine, INN

Synonym(s): 2-[4-[3-(Trifluoromethyl)phenyl]-1-piperazinyl]ethyl 2[[7-(trifluoromethyl)-4-quinoliny]amino]benzoate, 9Cl. 2-[4-(α,α,α -Trifluoro-*m*-tolyl)-1-piperazinyl]ethyl *N*-[7-(trifluoromethyl)-4-quinolyl]anthranilate. Stakane. SL 73033



CAS Registry Number: 55300-29-3

Molecular Formula: C₃₀H₂₆F₆N₄O₂

Molecular Weight: 588.551

Accurate Mass: 588.195994

Percentage Composition: C 61.22%; H 4.45%; F 19.37%; N 9.52%; O 5.44%

Use/Importance: Analgesic, antiinflammatory agent

Development Status: No longer marketed

Melting Point: Mp 88-90°

Calculated Log P Data: Log P 9.98 (uncertain value) (calc)

Hazard & Toxicity: LD₅₀ (mus, orl) 4000 mg/kg

>>Derivative: Hydrochloride (1:2)

CAS Registry Number: 55300-30-6

Melting Point: Mp 230°

References:

- Dring, L.G. *et al.*, *Br. J. Pharmacol.*, 1978, **63**, 368P, (*metab*)
Neuman, M., *Drugs of Today (Barcelona)*, 1978, **14**, 56, (*rev*)
Manoury, P.M. *et al.*, *J. Med. Chem.*, 1979, **22**, 554, (*synth, pharmacol*)
Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 12384
Nicot, G. *et al.*, *Therapie*, 1983, **38**, 379, (*tox*)
Caccia, S. *et al.*, *J. Chromatogr.*, 1984, **283**, 211, (*glc, ms*)