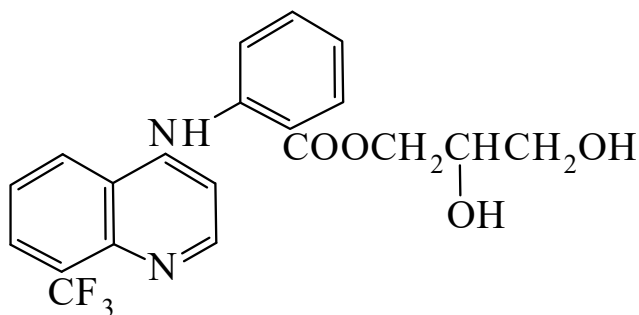




>>Entry Name: Floctafenine, BAN, INN, USAN

Synonym(s): 2,3-Dihydroxypropyl 2-[[8-(trifluoromethyl)-4-quinoliny]amino]benzoate, 9Cl. 2,3-Dihydroxypropyl *N*-[8-(trifluoromethyl)-4-quinolyl]anthranilate, 8Cl. Diralgin. Duralgin. Floktin. Idalon. Idarac. Novodolan. R 4318. RU 15750



CAS Registry Number: 23779-99-9

Molecular Formula: C₂₀H₁₇F₃N₂O₄

Molecular Weight: 406.36

Accurate Mass: 406.114042

Percentage Composition: C 59.11%; H 4.22%; F 14.03%; N 6.89%; O 15.75%

Use/Importance: Analgesic

Calculated Log P Data: Log P 4.48 (calc)

>>Variant: (±)-form

Molecular Formula: C₂₀H₁₇F₃N₂O₄

Molecular Weight: 406.36

Accurate Mass: 406.114042

Percentage Composition: C 59.11%; H 4.22%; F 14.03%; N 6.89%; O 15.75%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 179-180°

Hazard & Toxicity: LD₅₀ (rat, orl) 535 mg/kg. Exp. reprod. and teratogenic effects

References:

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Glomot, R. *et al.*, *Toxicol. Appl. Pharmacol.*, 1976, **36**, 173, (*tox*)

Lynn, R.K. *et al.*, *J. Clin. Pharmacol.*, 1979, **19**, 20, (*metab*)

Mouzin, G. *et al.*, *Synthesis*, 1980, 54, (*synth*)

Martindale, The Extra Pharmacopoeia, 30th edn., Pharmaceutical Press, 1993, 15

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