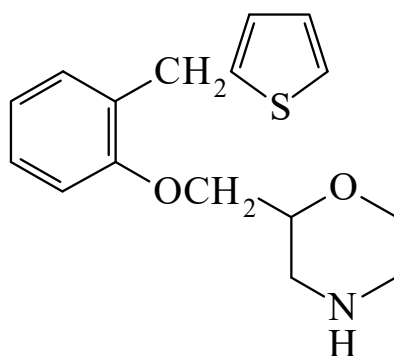




>>Entry Name: Teniloxazine, INN

Synonym(s): 2-[[2-(2-Thienylmethyl)phenoxy]methyl]morpholine, 9Cl. Sufoxazine. Metatone



CAS Registry Number: 62473-79-4

Related CAS Registry Numbers(s): 108793-64-2 108793-65-3 108804-81-5

Molecular Formula: C₁₆H₁₉NO₂S

Molecular Weight: 289.398

Accurate Mass: 289.113649

Percentage Composition: C 66.41%; H 6.62%; N 4.84%; O 11.06%; S 11.08%

Use/Important: Antidepressant

Calculated Log P Data: Log P 2.91 (calc)

>>Variant: (±)-form

Molecular Formula: C₁₆H₁₉NO₂S

Molecular Weight: 289.398

Accurate Mass: 289.113649

Percentage Composition: C 66.41%; H 6.62%; N 4.84%; O 11.06%; S 11.08%

Physical Description: Oil

>>Derivative: Maleate

Synonym(s): Y-8894

CAS Registry Number: 62473-80-7

Physical Description: Cryst. (MeOH/diisopropyl ether)

Melting Point: Mp 155-156°

Hazard & Toxicity: LD₅₀ (rat, orl) 1576 mg/kg. LD₅₀ (rat, ipr) 122 mg/kg. Exp. teratogenic effects

References:

- Ger. Pat., 1977, Yoshitomi, 2 530 860; CA, **86**, 155666w, (synth)
Muro, T. et al., Yakugaku Zasshi, 1986, **106**, 964, (synth, pharmacol)
Ogura, C. et al., Br. J. Clin. Pharmacol., 1987, **23**, 537, (pharmacol)
Sakai, J. et al., Iyaku hin Kenkyu, 1987, **18**, 258, (props)