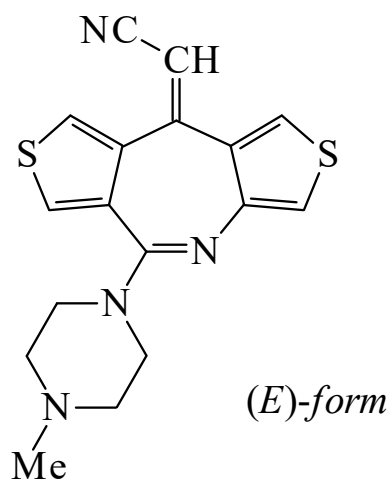




>>Entry Name: Tenilapine, INN

Synonym(s): [5-(4-Methyl-1-piperazinyl)-9*H*-dithieno[3,4-*b*:3',4'-*e*]azepin-9-ylidene]acetonitrile



Molecular Formula: C₁₇H₁₆N₄S₂

Molecular Weight: 340.472

Accurate Mass: 340.081636

Percentage Composition: C 59.97%; H 4.74%; N 16.46%; S 18.84%

Use/Importance: Neuroleptic, antipsychotic agent

Melting Point: Mp 148-151°

Calculated Log P Data: Log P 2.48 (uncertain value) (calc)

>>Variant: (*E*)-form

CAS Registry Number: 82650-83-7

Molecular Formula: C₁₇H₁₆N₄S₂

Molecular Weight: 340.472

Accurate Mass: 340.081636

Percentage Composition: C 59.97%; H 4.74%; N 16.46%; S 18.84%

Melting Point: Mp 197-198°

>>Variant: (*Z*)-form

CAS Registry Number: 82650-82-6

Molecular Formula: C₁₇H₁₆N₄S₂

Molecular Weight: 340.472

Accurate Mass: 340.081636

Percentage Composition: C 59.97%; H 4.74%; N 16.46%; S 18.84%

Melting Point: Mp 200-201°

References:

Eur. Pat., 1982, *BASF*, 50 212; *CA*, **97**, 127657c, (*synth, pharmacol*)

Meltzer, M.Y. *et al.*, *Psychopharmacol. Bull.*, 1989, **25**, 390, (*pharmacol*)