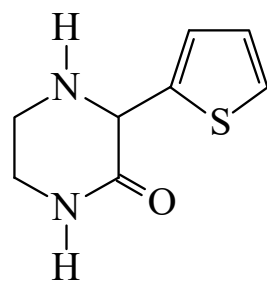




>>Entry Name: 3-(2-Thienyl)piperazinone, 9Cl

Synonym(s): Tenilsetam, INN. Tenimal. CAS 997



CAS Registry Number: 85606-97-9

Molecular Formula: C₈H₁₀N₂OS

Molecular Weight: 182.246

Accurate Mass: 182.051383

Percentage Composition: C 52.72%; H 5.53%; N 15.37%; O 8.78%; S 17.59%

Use/Importance: Antihypoxic agent. Nootropic (cognition enhancer) agent

Calculated Log P Data: Log P 0.48 (uncertain value) (calc)

>>Variant: (±)-form

CAS Registry Number: 86696-86-8

Molecular Formula: C₈H₁₀N₂OS

Molecular Weight: 182.246

Accurate Mass: 182.051383

Percentage Composition: C 52.72%; H 5.53%; N 15.37%; O 8.78%; S 17.59%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 118°

References:

Ger. Pat., 1983, *Cassella*, 3 132 882; *CA*, **98**, 198275, (*synth*)

Saletu, B. *et al.*, *Drug Dev. Res.*, 1986, **9**, 95; 1987, **10**, 135, (*pharmacol*)

Wesnes, K. *et al.*, *Med. Sci. Res.*, 1987, **15**, 1063, (*props*)

Burrows, J.L. *et al.*, *J. Chromatogr.*, 1990, **529**, 486, (*hplc*)

Amato, M.E. *et al.*, *Eur. J. Med. Chem. (Chim. Ther.)*, 1991, **26**, 443, (*struct*)