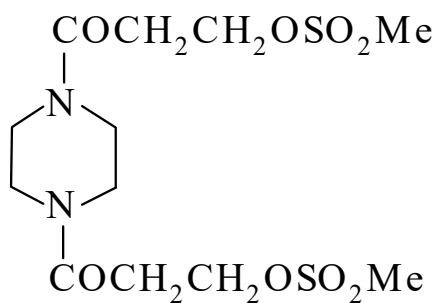




>>Entry Name: Puposulfan, INN, USAN

Synonym(s): 1,4-Bis[3-[(methylsulfonyl)oxy]-1-oxopropyl]piperazine, 9Cl. 1,4-Dihydracryloylpiperazine dimethanesulfonate, 8Cl. Ancyte. A 20968. NSC 47774



CAS Registry Number: 2608-24-4

Molecular Formula: C₁₂H₂₂N₂O₈S₂

Molecular Weight: 386.446

Accurate Mass: 386.081758

Percentage Composition: C 37.30%; H 5.74%; N 7.25%; O 33.12%; S 16.60%

Use/Importance: Antineoplastic agent

Physical Description: Cryst. (H₂O)

Development Status: Never marketed

Melting Point: Mp 175-177°

Calculated Log P Data: Log P -0.25 (calc)

References:

McNair, T.J. *et al.*, *J. Surg. Res.*, 1964, **3**, 130, (*pharmacol*)

U.S. Pat., 1966, *Abbott*, 3 293 253; *CA*, **66**, 55516r, (*synth, use*)

Martindale, The Extra Pharmacopoeia, 28th/29th edn., *Pharmaceutical Press*, 1982, 1858