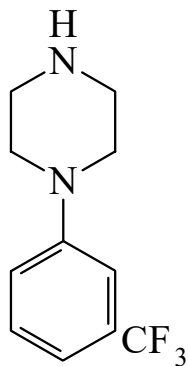




>>Entry Name: 1-(α,α,α -Trifluoro-*m*-tolyl)piperazine, 8Cl
Synonym(s): 1-[3-(Trifluoromethyl)phenyl]piperazine. TFMPP



CAS Registry Number: 15532-75-9

Molecular Formula: C₁₁H₁₃F₃N₂

Molecular Weight: 230.232

Accurate Mass: 230.103082

Percentage Composition: C 57.39%; H 5.69%; F 24.76%; N 12.17%

Use/Importance: Serotonin receptor antagonist

Refractive Index: n_D²⁰ 1.5210

Experimental Log P Data: Log P 2.43 (37°) (exp)

Aldrich: 14985-3

>>Derivative: Hydrochloride

CAS Registry Number: 16015-69-3

Melting Point: Mp 239-241°

Aldrich: 27007-5

References:

- Caccia, S. *et al.*, *J. Pharm. Pharmacol.*, 1985, **37**, 567, (*props*)
Schoeffter, P. *et al.*, *Naunyn-Schmiedeberg's Arch. Pharmacol.*, 1989, **339**, 675, (*pharmacol*)
Jerzy, L.M. *et al.*, *Pol. J. Pharmacol. Pharm.*, 1992, **44**, 87, (*conformn, qsar*)
Jerzy, L.M. *et al.*, *Med. Chem. Res.*, 1993, **3**, 240, (*conformn*)