

Product Name	: Trifluoperazine
Synonyms	: —
Cat No.	: M21637
CAS Number	: 117-89-5
Molecular Formula	: C ₂₁ H ₂₄ F ₃ N ₃ S
Formula Weight	: 407.5
Chemical Name	: 10-[3-(4-methylpiperazin-1-yl)propyl]-2-(trifluoromethyl)phenothiazine
Description	: Trifluoperazine is a Dopamine D2 receptor inhibitor(IC ₅₀ : 1.2 nM) and Treatment of schizophrenia.
Pathway	: GPCR/G Protein
Target	: Dopamine Receptor
Receptor	: D2
Solubility	: —
SMILES	: CN1CCN(CCCN2c3ccccc3Sc3ccc(cc23)C(F)(F)F)CC1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Magdolna Tardy Markus et al. Trifluoperazine versus low-potency first-generation antipsychotic drugs for schizophrenia[J]. Cochrane Database of Systematic Reviews 2014.