

Product Data Sheet

Product Name: Pericyazine

Cat. No.: GC38231

Chemical Properties

Cas. No. 2622-26-6

SMILES N#CC(C=C1N2CCCN3CCC(O)CC3)=CC=C1SC4=C2C=CC=C4

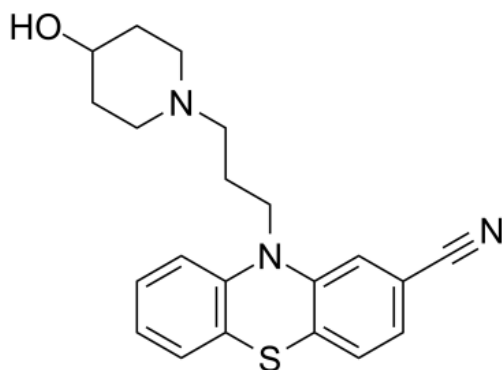
Formula $C_{21}H_{23}N_3OS$ M.Wt 365.49

Solubility DMSO: 250 mg/mL (684.01 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Pericyazine (Propericiazine) is a first-generation antipsychotic drug that is used as an adjunct to the short-term management of severe anxiety states and psychosis[1]. Pericyazine (Propericiazine) is a selective D2-dopamine receptor antagonist[2][3].

[1]. Morley KC, et al. Pericyazine in the treatment of cannabis dependence in general practice: a naturalistic pilot trial. *Subst Abuse Rehabil.* 2012 May 28;3:43-7. [2]. Farde L, et al. D1- and D2-dopamine receptor occupancy during treatment with conventional and atypical neuroleptics.

Caution: Product has not been fully validated for medical applications. For research use only.

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Psychopharmacology (Berl). 1989;99 Suppl:S28-31. [3]. Divac N, et al. Second-generation antipsychotics and extrapyramidal adverse effects. Biomed Res Int. 2014;2014:656370.

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