
Product Data Sheet

Product Name: Trifluoperazine D8

Cat. No.: GC63241

Chemical Properties

Cas. No.

Formula C₂₁H₁₆D₈F₃N₃S

M.Wt

415.54

Solubility

Storage

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

Trifluoperazine D8 is a deuterium labeled Trifluoperazine. Trifluoperazine is an antipsychotic phenothiazine agent and a selective α 1-adrenergic receptor antagonist. Trifluoperazine is also a potent dopamine D2 receptor inhibitor [1][2].

[1]. Huerta-Bahena J, et al. Trifluoperazine and chlorpromazine antagonize alpha 1- but not alpha2- adrenergic effects. Mol Pharmacol. 1983 Jan;23(1):67-70.

[2]. Marques LO, et al. Trifluoperazine for schizophrenia. Cochrane Database Syst Rev. 2004;(1):CD003545.

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

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