

Product Data Sheet

Product Name: Spiperone

Cat. No.: GC64885

Chemical Properties

Cas. No. 749-02-0

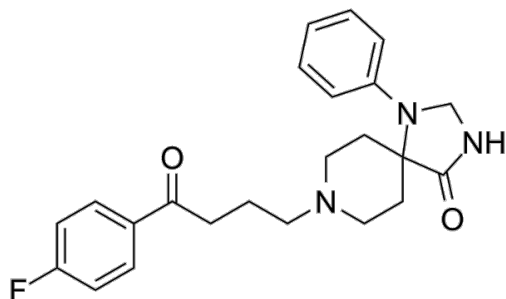
Formula $C_{23}H_{26}FN_3O_2$ M.Wt 395.47

Solubility DMSO : 33.33 mg/mL (84.28 mM; ultrasonic and warming and heat to 60°C) 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

Spiperone is a potent dopamine D2, serotonin 5-HT1A, and serotonin 5-HT2A antagonist. Spiperone is a widely used pharmacological tool. Spiperone has the potential for the research of neurology diseases[1].

[1]. Metwally KA, et al. Spiperone: influence of spiro ring substituents on 5-HT2A serotonin receptor binding. J Med Chem. 1998;41(25):5084-5093.

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

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