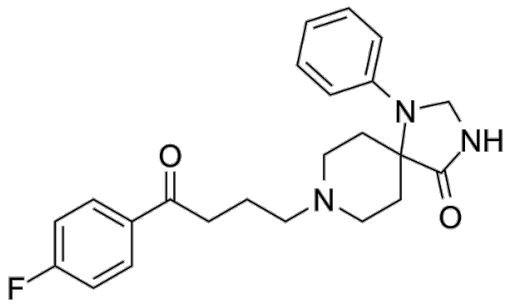
Product Data Sheet

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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