

Sulpiride

#Cat: NB-64-03348-1ml	Size: 1ml
#Cat: NB-64-03348-50mg	Size: 50 mg
#Cat: NB-64-03348-100mg	Size: 100 mg
#Cat: NB-64-03348-200mg	Size: 200 mg
#Cat: NB-64-03348-500mg	Size: 500 mg

Chemical Properties:

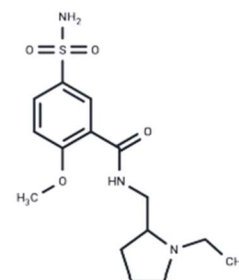
CAS No: 15676-16-1

Formula: $C_{15}H_{23}N_3O_4S$

Molecular Weight: 341.43

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description:

Description	Sulpiride (Aiglonyl) is a dopamine D2-receptor antagonist, used therapeutically as an antidepressant, antipsychotic, and as a digestive aid.
Targets (IC50)	Dopamine Receptor

Solubility Information:

Solubility	1eq. HCl: 17.1 mg/mL (50 mM)), Heating is recommended. DMSO: 40 mg/mL (117.15 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9289 mL	14.6443 mL	29.2886 mL
5 mM	0.5858 mL	2.9289 mL	5.8577 mL
10 mM	0.2929 mL	1.4644 mL	2.9289 mL
50 mM	0.0586 mL	0.2929 mL	0.5858 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Sharma K, Dev K K. The Effects of Antipsychotics in Experimental Models of Krabbe Disease. Biomedicines. 2023;11(5): 1313.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins
This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use