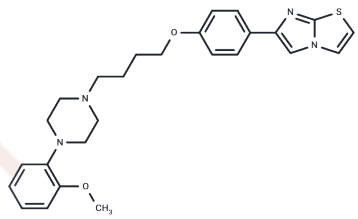
Data Sheet (Cat.No.T26069)

TargetMol

RGH 1756

Chemical Properties



CAS No. : 207277-37-0

Formula: C26H30N4O2S

Molecular Weight: 462.61

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	RGH 1756 is an atypical antipsychotic with high affinity to dopamine D(3) receptors that leads to c-Fos induction in a unique pattern.
Targets(IC50)	Others,5-HT Receptor,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1616 mL	10.8082 mL	21.6165 mL
5 mM	0.4323 mL	2.1616 mL	4.3233 mL
10 mM	0.2162 mL	1.0808 mL	2.1616 mL
50 mM	0.0432 mL	0.2162 mL	0.4323 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Gémesi LI, Kapás M, Szeberényi S. Application of LC-MS analysis to the characterisation of the in vitro and in vivo metabolite profiles of RGH-1756 in the rat. J Pharm Biomed Anal. 2001 Mar;24(5-6):877-85. PubMed PMID: 11248481.

Kovács KJ, Csejtei M, Laszlovszky I. Double activity imaging reveals distinct cellular targets of haloperidol, clozapine and dopamine D(3) receptor selective RGH-1756. Neuropharmacology. 2001 Mar;40(3):383-93. PubMed PMID: 11166331.

Sóvágó J, Farde L, Halldin C, Schukin E, Schou M, Laszlovszky I, Kiss B, Gulyás B. Lack of effect of reserpine-induced dopamine depletion on the binding of the dopamine-D3 selective radioligand, [11C]RGH-1756. Brain Res Bull. 2005 Oct 15;67(3):219-24. PubMed PMID: 16144658.

Terjéki E, Kapás M. An HPLC/UV method for the determination of RGH-1756 in dog and rat plasma. J Pharm Biomed Anal. 2001 Mar;24(5-6):913-20. PubMed PMID: 11248484.

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