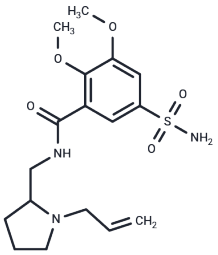
Data Sheet (Cat.No.T7632)

TargetMol

Veralipride

Chemical Properties



CAS No. : 66644-81-3

Formula: C17H25N3O5S

Molecular Weight: 383.46

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	Veralipride ((±)-Veralipride) is an antagonist of D2 receptor.
Targets(IC50)	Dopamine Receptor
In vivo	Veralipride significantly increased dehydroepiandrosterone sulfate and estradiol levels. High values of prolactin were found, and some patients showed slight breast discharge; these changes disappeared 48 hours after the drug was stopped[1].

Solubility Information

Solubility	DMSO: 100 mg/mL (260.78 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6078 mL	13.0392 mL	26.0783 mL
5 mM	0.5216 mL	2.6078 mL	5.2157 mL
10 mM	0.2608 mL	1.3039 mL	2.6078 mL
50 mM	0.0522 mL	0.2608 mL	0.5216 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

David A , , Don R , , Tajchner G , , et al. Veralipride: alternative antidopaminergic treatment for menopausal symptoms[J]. Maturitas, 1988, 10(4):354-354.

Melis G B , Gambacciani M , Cagnacci A , et al. Effects of the Dopamine Antagonist Veralipride on Hot Flushes and Luteinizing Hormone Secretion in Postmenopausal Women[J]. Obstetrics and Gynecology, 1988, 72(5).

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