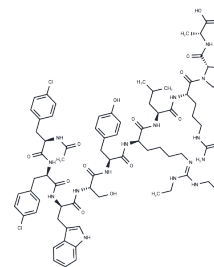


RS 18286

## Chemical Properties

CAS No. : 109458-76-6  
 Formula: C74H101Cl2N17O14  
 Molecular Weight: 1523.6  
 Storage: Keep away from moisture  
 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	RS 18286 is a LHRH antagonist.
Targets(IC50)	Others,GNRH Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6563 mL	3.2817 mL	6.5634 mL
5 mM	0.1313 mL	0.6563 mL	1.3127 mL
10 mM	0.0656 mL	0.3282 mL	0.6563 mL
50 mM	0.0131 mL	0.0656 mL	0.1313 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

Lincoln GA, Fraser HM. Negative feedback regulation of pulsatile LH secretion during treatment with an LHRH antagonist in rams. *J Androl.* 1990 May-Jun;11(3):287-92. PubMed PMID: 2200772.

Lincoln GA, Fraser HM. Compensatory response of the luteinizing-hormone (LH)-releasing hormone (LHRH)/LH pulse generator after administration of a potent LHRH antagonist in the ram. *Endocrinology.* 1987 Jun;120(6):2245-50. PubMed PMID: 3032581.

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