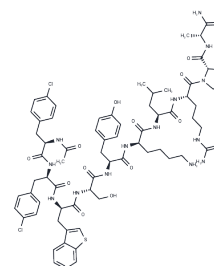


Org 30850

## Chemical Properties

CAS No. : 136208-71-4  
 Formula: C<sub>69</sub>H<sub>91</sub>Cl<sub>2</sub>N<sub>15</sub>O<sub>13</sub>S  
 Molecular Weight: 1441.53  
 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	Org 30850 is a gonadorelin antagonist.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6937 mL	3.4685 mL	6.9371 mL
5 mM	0.1387 mL	0.6937 mL	1.3874 mL
10 mM	0.0694 mL	0.3469 mL	0.6937 mL
50 mM	0.0139 mL	0.0694 mL	0.1387 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

- Deckers GH, de Graaf JH, Kloosterboer HJ, Loozen HJ. Properties of a potent LHRH antagonist (Org 30850) in female and male rats. *J Steroid Biochem Mol Biol.* 1992 Aug;42(7):705-12. PubMed PMID: 1504009.
- Franchimont P, Almer SM, Charlet-Renard CJ, Daubresse CL, Kicovic PP. Effects of a novel gonadotropin-releasing hormone antagonist (ORG 30850) on gonadotropin and prolactin secretion by rat pituitary cells in culture. *Acta Endocrinol (Copenh).* 1991 Jan;124(1):98-106. PubMed PMID: 1900380.
- Gordon K, Scott RT, Williams RF, Danforth DR, Loozen HJ, Kloosterboer HJ, Hodgen GD. In vivo effects of a potent GnRH antagonist ORG 30850: physiologic evidence that down-regulation of GnRH receptors does not occur. *J Soc Gynecol Investig.* 1994 Oct-Dec;1(4):290-6. PubMed PMID: 9419786.
- Hakola K, Boogaart PV, Mulders J, de Leeuw R, Schoonen W, Heyst JV, Swolfs A, Casteren JV, Huhtaniemi I, Kloosterboer H. Recombinant rat luteinizing hormone; production by Chinese hamster ovary cells, purification and functional characterization. *Mol Cell Endocrinol.* 1997 Apr 4;128(1-2):47-56. PubMed PMID: 9140075.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481