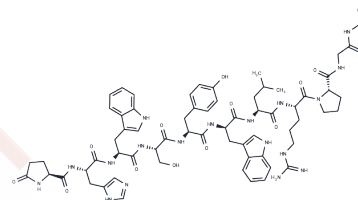


## Ovuplant

## Chemical Properties

CAS No. :	70235-53-9
Formula:	C <sub>66</sub> H <sub>86</sub> N <sub>18</sub> O <sub>13</sub>
Molecular Weight:	1339.5
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	Ovuplant is for a short-term-release implant containing deslorelin acetate.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7465 mL	3.7327 mL	7.4655 mL
5 mM	0.1493 mL	0.7465 mL	1.4931 mL
10 mM	0.0747 mL	0.3733 mL	0.7465 mL
50 mM	0.0149 mL	0.0747 mL	0.1493 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

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- Wolf T, Meyer H, Kutzler M. Litter size response to oestrous induction with deslorelin (Ovuplant®) in dogs. *Reprod Domest Anim.* 2012 Dec;47 Suppl 6:387-8. doi: 10.1111/rda.12082. PubMed PMID: 23279545.
- Fontaine C. Long-term contraception in a small implant: A review of Suprelorin (deslorelin) studies in cats. *J Feline Med Surg.* 2015 Sep;17(9):766-71. doi: 10.1177/1098612X15594990. Review. PubMed PMID: 26323800; PubMed Central PMCID: PMC5117121.
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