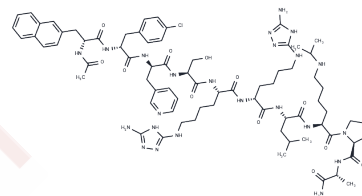


## Azaline

## Chemical Properties

CAS No. :	134457-26-4
Formula:	C74H106ClN23O12
Molecular Weight:	1545.26
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	Azaline is a gonadorelin antagonist.
Targets(IC50)	Others,GNRH Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6471 mL	3.2357 mL	6.4714 mL
5 mM	0.1294 mL	0.6471 mL	1.2943 mL
10 mM	0.0647 mL	0.3236 mL	0.6471 mL
50 mM	0.0129 mL	0.0647 mL	0.1294 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

Ballantyne K, Anderson ST, Pyne M, Nicolson V, Mucci A, Lisle A, Johnston SD. Use of the gonadotrophin-releasing hormone antagonist azaline B to control the oestrous cycle in the koala (*Phascolarctos cinereus*). *Reprod Fertil Dev.* 2015 May 1. doi: 10.1071/RD14349. [Epub ahead of print] PubMed PMID: 25929179.

Chakraborty P, Roy SK. Effect of azaline B on follicular development and functions in the hamster. *Mol Cell Endocrinol.* 2015 Jan 15;400:1-9. doi: 10.1016/j.mce.2014.11.011. Epub 2014 Nov 24. PubMed PMID: 25462584; PubMed Central PMCID: PMC4274241.

Campen CA, Lai MT, Kraft P, Kirchner T, Phillips A, Hahn DW, Rivier J. Potent pituitary-gonadal axis suppression and extremely low anaphylactoid activity of a new gonadotropin releasing hormone (GnRH) receptor antagonist "azaline B". *Biochem Pharmacol.* 1995 May 11;49(9):1313-21. PubMed PMID: 7763313.

Rivier JE, Jiang G, Porter J, Hoeger CA, Craig AG, Corrigan A, Vale W, Rivier CL. Gonadotropin-releasing hormone antagonists: novel members of the azaline B family. *J Med Chem.* 1995 Jul 7;38(14):2649-62. PubMed PMID: 7629804.

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