

## [D-Lys6]-LH-RH

Cat. No.:	HY-P3668
CAS No.:	52671-12-2
Molecular Formula:	C <sub>59</sub> H <sub>84</sub> N <sub>18</sub> O <sub>13</sub>
Molecular Weight:	1253.41
Sequence Shortening:	{Glp}-HWSY-{d-Lys}-LRPG-NH2
Target:	GnRH Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	[D-Lys6]-LH-RH is a Luteinizing-hormone-releasing hormone (LHRH) analogue. [D-Lys6]-LH-RH acts as a GnRH receptor agonist <sup>[1]</sup> .	
In Vivo	[D-Lys6]-LH-RH (100 µg, minipumps implanted subcutaneously) inhibits tumor growth in Dunning R-3327H prostate cancer rats <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	Dunning R-3327H prostate cancer rats <sup>[1]</sup>
	Dosage:	100 µg
	Administration:	Alzet minipumps implanted subcutaneously
	Result:	Inhibited tumor growth compared with control.

### REFERENCES

[1]. Pinski J, et al. Inhibition of growth of experimental prostate cancer in rats by LH-RH analogs linked to cytotoxic radicals. Prostate. 1993;23(2):165-78.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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