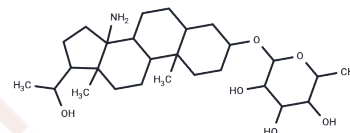


Lnd 623

## Chemical Properties

CAS No. : 90520-42-6  
 Formula: C<sub>27</sub>H<sub>47</sub>N<sub>1</sub>O<sub>6</sub>  
 Molecular Weight: 481.674  
 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	Lnd 623 is an inotropic aminosteroid.
Targets(IC50)	ATPase,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0761 mL	10.3806 mL	20.7611 mL
5 mM	0.4152 mL	2.0761 mL	4.1522 mL
10 mM	0.2076 mL	1.0381 mL	2.0761 mL
50 mM	0.0415 mL	0.2076 mL	0.4152 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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- Weissenburger J, Heckle J, Biour M, Poirier JM, Jarreau FX, Jaillon P, Cheymol G. Comparative hemodynamic study of a new aminosteroid: LND-623 with its 20 alpha-isomer: LND-369, and with digoxin and digoxigenin-rhamnoside in the anesthetized dog. Fundam Clin Pharmacol. 1989;3(1):67-78. PubMed PMID: 2653992.
- Maixent JM, Berrebi-Bertrand I, Lelievre LG. Inhibition of cardiac (Na<sup>+</sup>, K<sup>+</sup>)-ATPase isozymes by LND 623. Biochem Pharmacol. 1991 Dec 11;42 Suppl:S223-4. PubMed PMID: 1662951.
- Maixent JM, Lelièvre L, Berrebi-Bertrand I. Mechanism underlying the strong positive inotropic effects of LND-623: specific inhibition of Na, K-ATPase isoforms and exclusion of cellular sites of contractile control. Cardiovasc Drugs Ther. 1998 Dec;12(6):585-94. PubMed PMID: 10410828.

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