

Lnd 796

## Chemical Properties

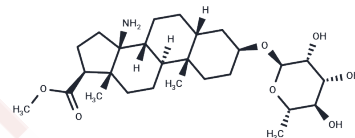
CAS No. : 118549-42-1

Formula: C<sub>27</sub>H<sub>45</sub>N<sub>1</sub>O<sub>7</sub>

Molecular Weight: 495.65

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 796 is an aminosteroid related to LND 623.
Targets(IC50)	Others, Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0176 mL	10.0878 mL	20.1755 mL
5 mM	0.4035 mL	2.0176 mL	4.0351 mL
10 mM	0.2018 mL	1.0088 mL	2.0176 mL
50 mM	0.0404 mL	0.2018 mL	0.4035 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

Maixent JM, Fénard S, Kawamoto RM. Tissue localization of active Na,K-ATPase isoenzymes by determination of their profile of inhibition with ouabain, digoxin, digitoxigenin and LND 796, a new aminosteroid cardiotoxic. J Recept Res. 1991;11(1-4):687-98. PubMed PMID: 1653353.

Adamantidis MM, Honoré ER, Dupuis BA. Electrical and mechanical effects of new aminosteroids on guinea-pig isolated ventricular muscle. Br J Pharmacol. 1988 Dec;95(4):1063-74. PubMed PMID: 2851356; PubMed Central PMCID: PMC1854287.

Brown L. Positive inotropic and vasoconstrictor responses to 14 beta-aminopregnane derivatives in isolated tissues from the guinea-pig. Clin Exp Pharmacol Physiol. 1990 Aug;17(8):589-94. PubMed PMID: 2208801.

Maixent JM, Gerbi A, Berrebi-Bertrand I, Correa PE, Genain G, Baggioni A. Cordil reversibly inhibits the Na,K-ATPase from outside of the cell membrane. Role of K-dependent dephosphorylation. J Recept Res. 1993;13(7):1083-92. PubMed PMID: 8396181.

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