

## STEARDA

## Chemical Properties

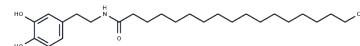
CAS No. : 105955-10-0

Formula: C<sub>26</sub>H<sub>45</sub>NO<sub>3</sub>

Molecular Weight: 419.64

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	STEARDA potentiates TRPV1-mediated effects of NADA.
Targets(IC50)	Others

## Solubility Information

Solubility	Ethanol: <1 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.383 mL	11.915 mL	23.8299 mL
5 mM	0.4766 mL	2.383 mL	4.766 mL
10 mM	0.2383 mL	1.1915 mL	2.383 mL
50 mM	0.0477 mL	0.2383 mL	0.4766 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

Zhang, C., Shan, X.-L., Liao, Y.-L., et al. Effects of stachydrine on norepinephrine-induced neonatal rat cardiac myocytes hypertrophy and intracellular calcium transients. BMC Complement. Altern. Med. 14, 474 (2014).

Zhang C, Lu Y, Zhou YJ, Tong QQ, Qu C, Kang TJ. The effect of stachydrine on the expression of caspase-12 in rats with unilateral ureteral obstruction. J Urol. 2014 Nov;192(5):1549-54.

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