

STEARDA

Chemical Properties

CAS No.:	105955-10-0
Formula:	C ₂₆ H ₄₅ NO ₃
Molecular Weight:	419.64
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	potentiates TRPV1-mediated effects of NADA
-------------	--

Solubility Information

Solubility	Ethanol: <1 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.383 mL	11.915 mL	23.83 mL
5 mM	0.477 mL	2.383 mL	4.766 mL
10 mM	0.238 mL	1.191 mL	2.383 mL
50 mM	0.048 mL	0.238 mL	0.477 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

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.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481