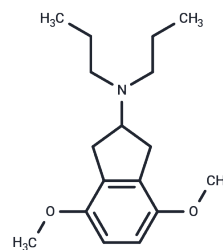


RDS-127

Chemical Properties

CAS No. : 82668-32-4
 Formula: C₁₇H₂₇NO₂
 Molecular Weight: 277.4
 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	RDS-127 induces biphasic dose-related changes in spontaneous locomotor activity in rats, similar to the reported effects of APO. Compared to APO, RDS-127 demonstrates a more potent stimulation of movement, with an efficacy that is tripled and lasts four times longer. In terms of selectivity, RDS-127 clearly outperforms APO, showing a preference for activating DA autoreceptors in the nigrostriatal pathway rather than postsynaptic DA receptors.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6049 mL	18.0245 mL	36.049 mL
5 mM	0.721 mL	3.6049 mL	7.2098 mL
10 mM	0.3605 mL	1.8025 mL	3.6049 mL
50 mM	0.0721 mL	0.3605 mL	0.721 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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