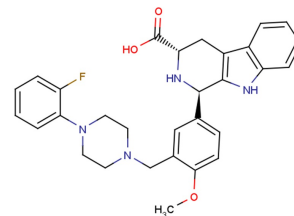


trans-Ned 19

**Chemical Properties**

CAS No.: 1354235-96-3  
Formula: C<sub>30</sub>H<sub>31</sub>FN<sub>4</sub>O<sub>3</sub>  
Molecular Weight: 514.59  
Appearance: N/A  
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	trans-Ned 19 is a NAADP antagonist and TPC blocker and inhibits the calcium signal in human umbilical vein endothelial cells and the rat aorta relaxation in response to low histamine concentrations.
Targets(IC <sub>50</sub> )	Ca <sup>2+</sup> : None

**Solubility Information**

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.943 mL	9.716 mL	19.433 mL
5 mM	0.389 mL	1.943 mL	3.887 mL
10 mM	0.194 mL	0.972 mL	1.943 mL
50 mM	0.039 mL	0.194 mL	0.389 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

1. Zharkich IL, et al. Suppression of Histamine-Induced Relaxation of Rat Aorta and Calcium Signaling in Endothelial Cells by Two-Pore Channel Blocker trans-NED19 and Hydrogen Peroxide. Izv Akad Nauk Ser Biol. 2016 Jul;(4):430-438.

Inhibitors · Natural Compounds · Compound Libraries

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