

N-1518

## Chemical Properties

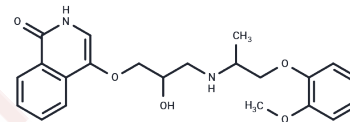
CAS No. : 93750-14-2

Formula: C<sub>22</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>

Molecular Weight: 398.45

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	N-1518 is an adrenergic receptor blocker affecting both $\alpha$ and $\beta$ receptors, acting as a competitive antagonist on $\beta$ 1 and $\alpha$ 1 receptors. While it does not exhibit selectivity for $\beta$ 1 receptors, it shows approximately 20-fold selectivity for $\alpha$ 1 receptors. N-1518 induces vasodilation and is a potential subject for hypertension research.
Targets(IC50)	Adrenergic Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5097 mL	12.5486 mL	25.0973 mL
5 mM	0.5019 mL	2.5097 mL	5.0195 mL
10 mM	0.251 mL	1.2549 mL	2.5097 mL
50 mM	0.0502 mL	0.251 mL	0.5019 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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