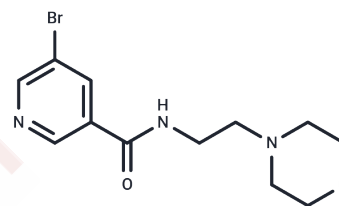


WAY-620147

## Chemical Properties

CAS No. : 515866-67-8  
 Formula: C<sub>12</sub>H<sub>16</sub>BrN<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 314.18  
 Storage: Keep away from direct sunlight  
 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	WAY-620147 is a derivative of N-(2-morpholinoethyl)nicotinamide, which is able to inhibit Monoamine Oxidase. WAY-620147 has an IC <sub>50</sub> value of 26 μM for MAO-A and 55 μM for MAO-B, and can be used for the study of neurological diseases.
Targets(IC <sub>50</sub> )	MAO, Monoamine Oxidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1829 mL	15.9144 mL	31.8289 mL
5 mM	0.6366 mL	3.1829 mL	6.3658 mL
10 mM	0.3183 mL	1.5914 mL	3.1829 mL
50 mM	0.0637 mL	0.3183 mL	0.6366 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

Shi L, et al. Design of novel nicotinamides as potent and selective monoamine oxidase a inhibitors. Bioorg Med Chem. 2010 Feb 15;18(4):1659-64.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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