

V-161

## Chemical Properties

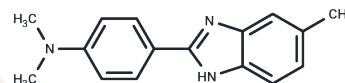
CAS No. : 69570-95-2

Formula: C<sub>16</sub>H<sub>17</sub>N<sub>3</sub>

Molecular Weight: 251.326

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	V-161 is an orally active Na <sup>+</sup> -V-ATPase inhibitor with an IC <sub>50</sub> of 144 nM. Under alkaline conditions, V-161 inhibits <i>Enterococcus hirae</i> and vancomycin-resistant <i>Enterococcus faecium</i> (VRE), with MIC values of 4 µg/mL for both. Additionally, V-161 can inhibit the colonization of VRE in the mouse small intestine.
Targets(IC <sub>50</sub> )	ATPase, Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9788 mL	19.8942 mL	39.7883 mL
5 mM	0.7958 mL	3.9788 mL	7.9577 mL
10 mM	0.3979 mL	1.9894 mL	3.9788 mL
50 mM	0.0796 mL	0.3979 mL	0.7958 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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