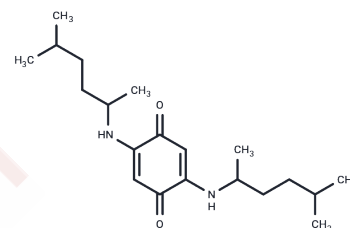


77PD-Q

## Chemical Properties

CAS No. : 3078541-61-1  
 Formula: C<sub>20</sub>H<sub>34</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 334.50  
 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	77PD-Q is a quinone derivative of p-phenylenediamine (PPD). It exhibits toxicity to the aquatic bacterium <i>Vibrio fischeri</i> ( <i>V. fischeri</i> ), with an EC <sub>50</sub> of 13.6 µg/mL.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9895 mL	14.9477 mL	29.8954 mL
5 mM	0.5979 mL	2.9895 mL	5.9791 mL
10 mM	0.299 mL	1.4948 mL	2.9895 mL
50 mM	0.0598 mL	0.299 mL	0.5979 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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