

## Antibiofilm agent-2

## Chemical Properties

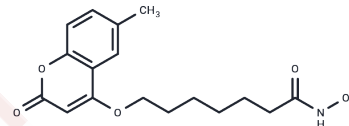
CAS No. : 2977230-63-8

Formula: C<sub>17</sub>H<sub>21</sub>NO<sub>5</sub>

Molecular Weight: 319.35

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	Antibiofilm Agent-2 (Compound 4T) serves as a potent biofilm inhibitor, exhibiting an IC <sub>50</sub> of 3.6 μM, and impairs the quorum sensing system along with iron homeostasis, acting as antibacterial synergists against Pseudomonas aeruginosa [1].
Targets(IC <sub>50</sub> )	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1314 mL	15.6568 mL	31.3136 mL
5 mM	0.6263 mL	3.1314 mL	6.2627 mL
10 mM	0.3131 mL	1.5657 mL	3.1314 mL
50 mM	0.0626 mL	0.3131 mL	0.6263 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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