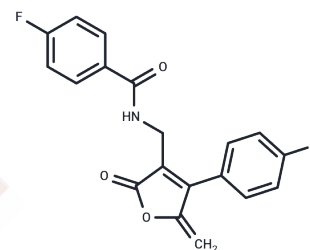


## Quorum Sensing-IN-2

## Chemical Properties

CAS No. :	2925926-80-1
Formula:	C19H13F2NO3
Molecular Weight:	341.31
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	Quorum Sensing-IN-2 (compound 23e) is a quorum sensing inhibitor that reduces bacterial pathogenicity without affecting growth, exhibits minimal hemolytic activity, effectively inhibits bacterial infections, and shows a synergistic effect when combined with Ciprofloxacin in a <i>P. aeruginosa</i> PAO1-infected bacteremia model [1].
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9299 mL	14.6494 mL	29.2989 mL
5 mM	0.586 mL	2.9299 mL	5.8598 mL
10 mM	0.293 mL	1.4649 mL	2.9299 mL
50 mM	0.0586 mL	0.293 mL	0.586 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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