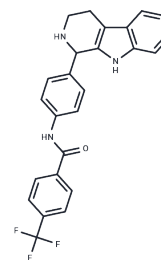


## Antibacterial agent 221

## Chemical Properties

CAS No. :	3034402-33-7
Formula:	C <sub>25</sub> H <sub>20</sub> F <sub>3</sub> N <sub>3</sub> O
Molecular Weight:	435.44
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	Antibacterial agent 221 (compound 3k) effectively inhibits methicillin-resistant Staphylococcus aureus (MRSA), a Gram-positive bacterium. Additionally, it exhibits significant cytotoxicity towards human LO2 and HepG2 cells.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2965 mL	11.4826 mL	22.9653 mL
5 mM	0.4593 mL	2.2965 mL	4.5931 mL
10 mM	0.2297 mL	1.1483 mL	2.2965 mL
50 mM	0.0459 mL	0.2297 mL	0.4593 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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