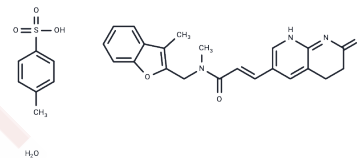


## AFN-1252 tosylate hydrate

## Chemical Properties

CAS No. :	1047981-30-5
Formula:	C <sub>29</sub> H <sub>31</sub> N <sub>3</sub> O <sub>7</sub> S
Molecular Weight:	565.64
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	AFN-1252, also known as AFN-12520000; API-1252; Debio-1452, is FASII Inhibitor which is potentially for the treatment of acute bacterial skin. AFN-1252 exhibits typical MIC(90) values of $\leq 0.015$ $\mu\text{g/ml}$ against diverse clinical isolates of <i>S. aureus</i> , oral absorption, long elimination half-live and efficacy in animal models. AFN-1252 efficiently blocked daptomycin-induced phospholipid decoy production, even in the case of isolates resistant to AFN-1252, which prevented the inactivation of daptomycin and resulted in sustained bacterial killing. In turn, daptomycin prevented the fatty acid-dependent emergence of AFN-1252-resistant isolates in vitro
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7679 mL	8.8395 mL	17.6791 mL
5 mM	0.3536 mL	1.7679 mL	3.5358 mL
10 mM	0.1768 mL	0.884 mL	1.7679 mL
50 mM	0.0354 mL	0.1768 mL	0.3536 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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