

AcrB-IN-4

## Chemical Properties

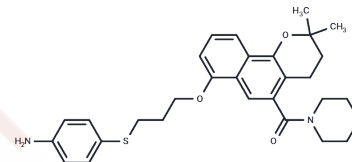
CAS No. : 2890177-95-2

Formula: C<sub>29</sub>H<sub>34</sub>N<sub>2</sub>O<sub>4</sub>S

Molecular Weight: 506.66

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	Efflux pump-IN-4, an AcrB efflux pump inhibitor, potentiate[s] the effects of antibiotics by inhibiting the efflux of Nile Red (a known substrate of AcrB). It does not disrupt the bacterial outer membrane or display toxicity in a nematode model [1].
Targets(IC50)	Others,Antibacterial,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9737 mL	9.8686 mL	19.7371 mL
5 mM	0.3947 mL	1.9737 mL	3.9474 mL
10 mM	0.1974 mL	0.9869 mL	1.9737 mL
50 mM	0.0395 mL	0.1974 mL	0.3947 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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