

TXA6101

Chemical Properties

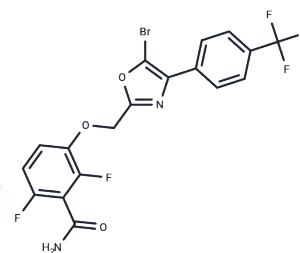
CAS No. : 1459695-66-9

Formula: C₁₈H₁₀BrF₅N₂O₃

Molecular Weight: 477.18

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	TXA6101 is an inhibitor of the bacterial protein FtsZ (filamentous temperature sensitive protein Z). TXA6101 inhibits bacterial division and has an MIC of 1 µg/mL against MRSA isolates expressing either the G193D or G196S mutant FtsZ and retains significant activity against the TXA707 resistant FtsZ mutant. TXA6101 can be used as a potential method of resistance to Gram-negative infections.
Targets(IC50)	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0956 mL	10.4782 mL	20.9565 mL
5 mM	0.4191 mL	2.0956 mL	4.1913 mL
10 mM	0.2096 mL	1.0478 mL	2.0956 mL
50 mM	0.0419 mL	0.2096 mL	0.4191 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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