Data Sheet (Cat.No.T63116)



TXA6101

Chemical Properties

CAS No.: 1459695-66-9

Formula: C18H10BrF5N2O3

Molecular Weight: 477.18

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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