

## ALPK1-IN-3

## Chemical Properties

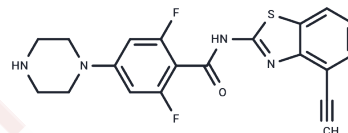
CAS No. : 2765633-73-4

Formula: C<sub>20</sub>H<sub>16</sub>F<sub>2</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 398.43

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	ALPK1-IN-3, serves as an ALPK1 inhibitor that dampens proinflammatory gene expression in the kidney and enhances survival in animal models of sepsis-induced acute kidney injury [1].
Targets(IC50)	NF-κB

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5099 mL	12.5493 mL	25.0985 mL
5 mM	0.502 mL	2.5099 mL	5.0197 mL
10 mM	0.251 mL	1.2549 mL	2.5099 mL
50 mM	0.0502 mL	0.251 mL	0.502 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481