

ASK1-IN-8

## Chemical Properties

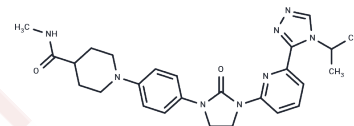
CAS No. : 2570985-89-4

Formula: C<sub>26</sub>H<sub>32</sub>N<sub>8</sub>O<sub>2</sub>

Molecular Weight: 488.585

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	ASK1-IN-8 (Compound 35) is an orally active inhibitor of apoptosis signal-regulating kinase 1 (ASK1) with an IC <sub>50</sub> value of 1.8 nM. In a mouse liver injury model induced by Acetaminophen, ASK1-IN-8 significantly reduces plasma alanine aminotransferase (ALT) levels, offering liver protection. This compound is useful for research in liver disease-related fields.
Targets(IC <sub>50</sub> )	ASK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0467 mL	10.2335 mL	20.4671 mL
5 mM	0.4093 mL	2.0467 mL	4.0934 mL
10 mM	0.2047 mL	1.0234 mL	2.0467 mL
50 mM	0.0409 mL	0.2047 mL	0.4093 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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