

DKFZ-251

## Chemical Properties

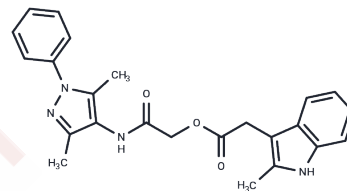
CAS No. : 2222059-70-1

Formula: C<sub>24</sub>H<sub>24</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 416.47

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	DKFZ-251 is a potent and selective p38 MAPK inhibitor. It inhibits pro-inflammatory cytokine release, used for inflammation and cancer research via the p38 signaling pathway.
Targets(IC50)	p38 MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4011 mL	12.0057 mL	24.0113 mL
5 mM	0.4802 mL	2.4011 mL	4.8023 mL
10 mM	0.2401 mL	1.2006 mL	2.4011 mL
50 mM	0.048 mL	0.2401 mL	0.4802 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.

## Reference

L Yuan, et al. Transglutaminase 2 inhibitor, KCC009, disrupts fibronectin assembly in the extracellular matrix and sensitizes orthotopic glioblastomas to chemotherapy. Oncogene

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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