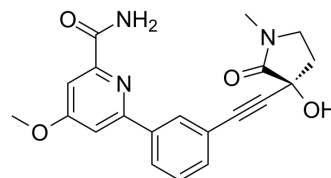


## (S)-NIK SMI1

<b>Cat. No.:</b>	HY-112433A		
<b>CAS No.:</b>	2984765-48-0		
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub>		
<b>Molecular Weight:</b>	365.38		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (273.69 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.7369 mL	13.6844 mL	27.3688 mL
5 mM	0.5474 mL	2.7369 mL	5.4738 mL
10 mM	0.2737 mL	1.3684 mL	2.7369 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

(S)-NIK SMI1 is the isomer of NIK SMI1 (HY-112433), and can be used as an experimental control. NIK SMI1 is a potent, selective NF-κB inducing kinase (NIK) inhibitor, which inhibits NIK-catalyzed hydrolysis of ATP to ADP with IC<sub>50</sub> of 0.23±0.17 nM.

### REFERENCES

[1]. Blaquièrre N, et al. Scaffold-Hopping Approach To Discover Potent, Selective, and Efficacious Inhibitors of NF-κB Inducing Kinase. *J Med Chem.* 2018 Aug 9;61(15):6801-6813.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA