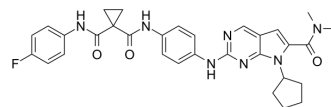


## CDK9-IN-8

Cat. No.:	HY-102039
CAS No.:	2105956-51-0
Molecular Formula:	C <sub>31</sub> H <sub>32</sub> FN <sub>7</sub> O <sub>3</sub>
Molecular Weight:	569.63
Target:	CDK
Pathway:	Cell Cycle/DNA Damage
Storage:	Powder    -20°C    3 years 4°C    2 years In solvent   -80°C    2 years -20°C    1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 5.2 mg/mL (9.13 mM; ultrasonic and warming and heat to 80°C)  
 H<sub>2</sub>O : < 0.1 mg/mL (insoluble)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.7555 mL	8.7776 mL	17.5553 mL
	5 mM		0.3511 mL	1.7555 mL	3.5111 mL
	10 mM		---	---	---

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

### BIOLOGICAL ACTIVITY

Description	CDK9-IN-8 is a highly effective and selective CDK9 inhibitor with an IC <sub>50</sub> of 12 nM.
IC <sub>50</sub> & Target	CDK9 12 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Li Y, et al. Discovery of a highly potent, selective and novel CDK9 inhibitor as an anticancer drug candidate. Bioorg Med Chem Lett. 2017 Aug 1;27(15):3231-3237.



---

**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