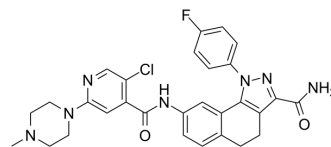


PHA 408

Cat. No.:	HY-14180		
CAS No.:	503555-55-3		
Molecular Formula:	C ₂₉ H ₂₇ ClFN ₇ O ₂		
Molecular Weight:	560.02		
Target:	IKK		
Pathway:	NF-κB		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 56 mg/mL (100.00 mM; Need ultrasonic and warming)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7857 mL	8.9283 mL	17.8565 mL
	5 mM	0.3571 mL	1.7857 mL	3.5713 mL
	10 mM	0.1786 mL	0.8928 mL	1.7857 mL

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

BIOLOGICAL ACTIVITY

Description

PHA 408 (PHA-408) is a potent, selective and orally active IκB kinase-2 (IKK-2) inhibitor. PHA 408 is a powerful anti-inflammatory agent against lipopolysaccharide (LPS)- and cigarette smoke (CS)-mediated lung inflammation^[1].

IC₅₀ & Target

IKK-2

REFERENCES

[1]. Rajendrasozhan S, et al. Anti-inflammatory effect of a selective IκappaB kinase-beta inhibitor in rat lung in response to LPS and cigarette smoke. *Pulm Pharmacol Ther.* 2010 Jun;23(3):172-81.

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

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