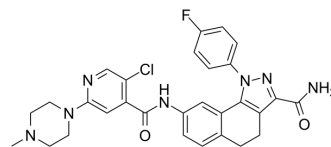


## PHA 408

Cat. No.:	HY-14180		
CAS No.:	503555-55-3		
Molecular Formula:	C <sub>29</sub> H <sub>27</sub> ClFN <sub>7</sub> O <sub>2</sub>		
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



## 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 <sup>[1]</sup> .
IC <sub>50</sub> & 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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