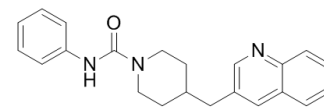


## PF 750

Cat. No.:	HY-18081		
CAS No.:	959151-50-9		
Molecular Formula:	C <sub>22</sub> H <sub>23</sub> N <sub>3</sub> O		
Molecular Weight:	345.44		
Target:	FAAH		
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	PF 750 is a selective and covalent <b>fatty acid amide hydrolase (FAAH)</b> inhibitor, with IC <sub>50</sub> s varied from 16.2-595 nM in different pre-incubation times. Covalently modifies the enzyme's active site serine nucleophile <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 16.2-595 nM (FAAH) <sup>[1]</sup> .

### REFERENCES

[1]. Ahn K, et al. Novel mechanistic class of fatty acid amide hydrolase inhibitors with remarkable selectivity. *Biochemistry*. 2007 Nov 13;46(45):13019-30.

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

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