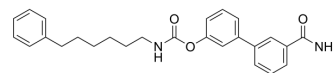


## JP83

Cat. No.:	HY-111199
CAS No.:	887264-44-0
Molecular Formula:	C <sub>26</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	416.51
Target:	FAAH
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	JP83 is an irreversible fatty acyl amide hydrolase (FAAH) inhibitor with an IC <sub>50</sub> of 1.6 nM in competitive activity-based protein profiling (ABPP) experiments <sup>[1]</sup> .
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## REFERENCES

[1]. Jessica P Alexander, et al. Mechanism of carbamate inactivation of FAAH: implications for the design of covalent inhibitors and in vivo functional probes for enzymes. Chem Biol. 2005 Nov;12(11):1179-87.

**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

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