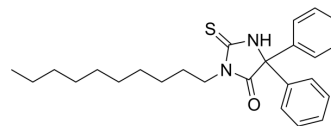


## 3-Decyl-5,5'-diphenyl-2-thioxo-4-imidazolidinone

Cat. No.:	HY-116710
CAS No.:	875014-22-5
Molecular Formula:	C <sub>25</sub> H <sub>32</sub> N <sub>2</sub> OS
Molecular Weight:	408.6
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>	3-Decyl-5,5'-diphenyl-2-thioxo-4-imidazolidinone (compound 45) is a potential inhibitor of fatty acid amide hydrolase (FAAH) (pI50: 5.89) and is active against CB(1) and CB(2) ) Lack of affinity for cannabinoid receptors <sup>[1]</sup> .
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### REFERENCES

[1]. Muccioli GG, et al. Substituted 2-thioxoimidazolidin-4-ones and imidazolidine-2,4-diones as fatty acid amide hydrolase inhibitors templates. J Med Chem. 2006 Jan 12;49(1):417-25.

**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