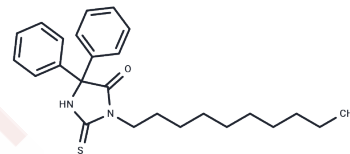


3-Decyl-5,5'-diphenyl-2-thioxo-4-imidazolidinone

Chemical Properties

CAS No. :	875014-22-5
Formula:	C ₂₅ H ₃₂ N ₂ O ₂ S
Molecular Weight:	408.6
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	3-Decyl-5,5'-diphenyl-2-thioxo-4-imidazolidinone (compound 45), having a pI50 of 5.89, shows promise as an inhibitor of fatty acid amide hydrolase (FAAH). Despite its activity, it demonstrates a lack of affinity for cannabinoid receptors CB(1) and CB(2) [1].
Targets(IC50)	Others,FAAH

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4474 mL	12.2369 mL	24.4738 mL
5 mM	0.4895 mL	2.4474 mL	4.8948 mL
10 mM	0.2447 mL	1.2237 mL	2.4474 mL
50 mM	0.0489 mL	0.2447 mL	0.4895 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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