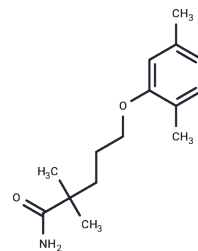


2,2-Dimethyl-5-(2,5-xilyloxy)valeramide

Chemical Properties

CAS No. :	114413-97-7
Formula:	C ₁₅ H ₂₃ NO ₂
Molecular Weight:	249.35
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	2,2-Dimethyl-5-(2,5-xilyloxy)valeramide (5-(2,5-dimethylphenoxy)-2,2-dimethylpentanamide) is a compound of the phenoxy family. It has been shown to have stimulatory effects on the nervous system, including increased neuronal firing rates, increased synaptic transmission and increased neurotransmitter release. It has also been shown to have stimulatory effects on the cardiovascular system, including increased heart rate and blood pressure.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (200.52 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0104 mL	20.0521 mL	40.1043 mL
5 mM	0.8021 mL	4.0104 mL	8.0209 mL
10 mM	0.401 mL	2.0052 mL	4.0104 mL
50 mM	0.0802 mL	0.401 mL	0.8021 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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