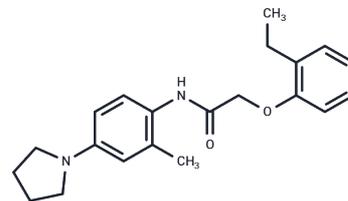


JAMM protein inhibitor 2

Chemical Properties

CAS No. :	848249-35-4
Formula:	C ₂₁ H ₂₆ N ₂ O ₂
Molecular Weight:	338.44
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	JAMM protein inhibitor 2 (Acetamide, 2-(2-ethylphenoxy)-N-[2-methyl-4-(1-pyrrolidinyl)phenyl]-) is an inhibitor of JAMM protease and can be used for anticancer studies. The IC ₅₀ s are 10 μM, 46 μM, and 89 μM for thrombin, Rpn11, and MMP2,
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 14 mg/mL (41.37 mM), Sonication and heating to 60°C are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9547 mL	14.7737 mL	29.5473 mL
5 mM	0.5909 mL	2.9547 mL	5.9095 mL
10 mM	0.2955 mL	1.4774 mL	2.9547 mL
50 mM	0.0591 mL	0.2955 mL	0.5909 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.

Reference

Han-Jie Zhou, et al. Methods and compositions for jamm protease inhibition. WO2013123071A1 (compound 180)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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