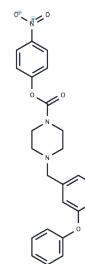


JZL195

Chemical Properties

CAS No. : 1210004-12-8
Formula: C₂₄H₂₃N₃O₅
Molecular Weight: 433.46
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	JZL195 is a selective and efficacious dual FAAH/MAGL inhibitor.
Targets(IC50)	FAAH, Autophagy, Lipase
In vitro	In the corpora cavernosa of rats with Type 2 Diabetes Mellitus (T2DM), the injection of Avanafil (1 μ M) has been shown to improve erectile dysfunction.

Solubility Information

Solubility	DMSO: 11 mg/mL (25.38 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	2.307 mL	11.5351 mL	23.0702 mL
5 mM	0.4614 mL	2.307 mL	4.614 mL
10 mM	0.2307 mL	1.1535 mL	2.307 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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

Long JZ, et al. Proc Natl Acad Sci U S A. 2009 Dec 1;106(48):20270-5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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