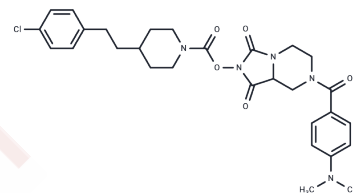


JJH260

## Chemical Properties

CAS No. : 1831135-30-8  
 Formula: C<sub>29</sub>H<sub>34</sub>ClN<sub>5</sub>O<sub>5</sub>  
 Molecular Weight: 568.06  
 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	JJH260 is an N-hydroxy hydantoin carbamate that inhibits androgen-induced gene 1 (AIG1), an enzyme that hydrolyzes fatty acid esters of hydroxy fatty acids (FAHFAs). It blocks the hydrolysis of 9-PAHSA with an IC <sub>50</sub> value of 0.57 μM. JJH260 also inhibits the novel FAHFA hydrolase androgen-dependent TFPI-regulating protein (ADTRP; IC <sub>50</sub> = 8.5 μM), as well as the serine hydrolase ABHD6 and the lysophospholipases LYPLA1 and LYPLA2. JJH260 inhibits the FAHFA hydrolase activity of LNCaP and T cell lysates and intact cells.
Targets(IC50)	Others,Androgen Receptor,MAGL

## Solubility Information

Solubility	DMF: 1 mg/mL (1.76 mM),Sonication is recommended. DMF:PBS(pH7.2) (1:2): 0.33 mg/mL (0.58 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	1.7604 mL	8.8019 mL	17.6038 mL
5 mM	0.3521 mL	1.7604 mL	3.5208 mL
10 mM	0.176 mL	0.8802 mL	1.7604 mL
50 mM	0.0352 mL	0.176 mL	0.3521 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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