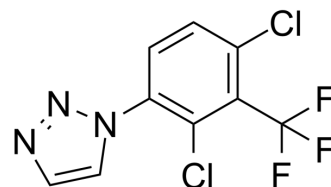


## ARUK3001185

Cat. No.:	HY-147519		
CAS No.:	2411969-39-4		
Molecular Formula:	C <sub>9</sub> H <sub>4</sub> Cl <sub>2</sub> F <sub>3</sub> N <sub>3</sub>		
Molecular Weight:	282.05		
Target:	Wnt		
Pathway:	Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (354.55 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.5455 mL	17.7274 mL	35.4547 mL
5 mM	0.7091 mL	3.5455 mL	7.0909 mL
10 mM	0.3545 mL	1.7727 mL	3.5455 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

ARUK3001185 (Compound 8l) is a potent, selective, orally active and brain-penetrant inhibitor of Notum activity with an IC<sub>50</sub> of 6.7 nM<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

IC<sub>50</sub>: 6.7 nM (Notum)<sup>[1]</sup>

### REFERENCES

[1]. Willis NJ, et al. Design of a Potent, Selective, and Brain-Penetrant Inhibitor of Wnt-Deactivating Enzyme Notum by Optimization of a Crystallographic Fragment Hit. *J Med Chem.* 2022 May 26;65(10):7212-7230.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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