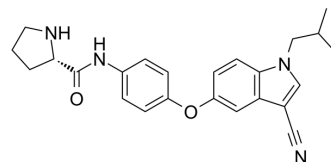


## AZ PFKFB3 26

Cat. No.:	HY-101971		
CAS No.:	1704740-52-2		
Molecular Formula:	C <sub>24</sub> H <sub>26</sub> N <sub>4</sub> O <sub>2</sub>		
Molecular Weight:	402.49		
Target:	Autophagy		
Pathway:	Autophagy		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 5 mg/mL (12.42 mM; ultrasonic and adjust pH to 3 with HCl)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.4845 mL	12.4227 mL	24.8453 mL
5 mM	0.4969 mL	2.4845 mL	4.9691 mL
10 mM	0.2485 mL	1.2423 mL	2.4845 mL

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

### BIOLOGICAL ACTIVITY

#### Description

AZ PFKFB3 26 is a potent and selective inhibitor of the metabolic kinase PFKFB3 with an IC<sub>50</sub> of 23 nM. AZ PFKFB3 26 inhibits PFKFB1 and PFKFB2 with IC<sub>50</sub>s of 2.06 and 0.384 μM, respectively<sup>[1]</sup>.

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

IC<sub>50</sub>: 23 nM (PFKFB3), 2.06 μM (PFKFB1), 0.384 μM (PFKFB2)<sup>[1]</sup>

### CUSTOMER VALIDATION

- Biochem Biophys Res Commun. 2021 Jul 26;571:118-124.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

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

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