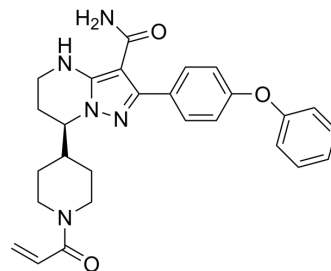


## (R)-Zanubrutinib

<b>Cat. No.:</b>	HY-101474B		
<b>CAS No.:</b>	1691249-44-1		
<b>Molecular Formula:</b>	C <sub>27</sub> H <sub>29</sub> N <sub>5</sub> O <sub>3</sub>		
<b>Molecular Weight:</b>	471.55		
<b>Target:</b>	Btk		
<b>Pathway:</b>	Protein Tyrosine Kinase/RTK		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 64.25 mg/mL (136.25 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		2.1207 mL	10.6033 mL	21.2067 mL
	5 mM		0.4241 mL	2.1207 mL	4.2413 mL
	10 mM		0.2121 mL	1.0603 mL	2.1207 mL

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

### BIOLOGICAL ACTIVITY

#### Description

(R)-Zanubrutinib is the R enantiomer of Zanubrutinib. Zanubrutinib is a selective Bruton tyrosine kinase (BTK) inhibitor.

### REFERENCES

[1]. Wu J, et al. Acalabrutinib (ACP-196): a selective second-generation BTK inhibitor. J Hematol Oncol. 2016 Mar 9;9:21.

[2]. Wu J, et al. Second-generation inhibitors of Bruton tyrosine kinase. J Hematol Oncol. 2016 Sep 2;9(1):80.

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

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