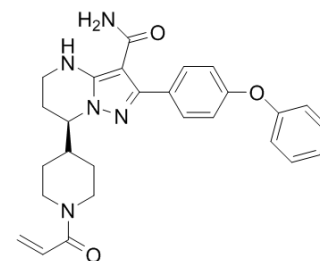


(R)-Zanubrutinib

Cat. No.:	HY-101474B		
CAS No.:	1691249-44-1		
Molecular Formula:	C ₂₇ H ₂₉ N ₅ O ₃		
Molecular Weight:	471.55		
Target:	Others		
Pathway:	Others		
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 : ≥ 64.25 mg/mL (136.25 mM)

Ethanol : < 1 mg/mL (insoluble)

* "≥" means soluble, but saturation unknown.

	Solvent	Mass	Concentration		
			1 mg	5 mg	10 mg
Preparing Stock Solutions	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. Acabrutinib (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.

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

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