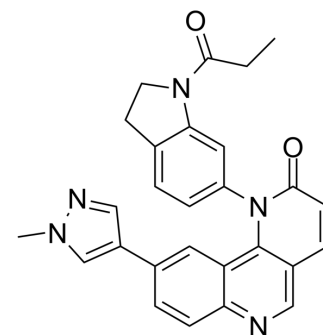


QL47R

Cat. No.:	HY-160245		
CAS No.:	1579278-89-9		
Molecular Formula:	C ₂₇ H ₂₃ N ₅ O ₂		
Molecular Weight:	449.5		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (222.47 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2247 mL	11.1235 mL	22.2469 mL
	5 mM	0.4449 mL	2.2247 mL	4.4494 mL
	10 mM	0.2225 mL	1.1123 mL	2.2247 mL

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

BIOLOGICAL ACTIVITY

Description

QL47R is an approximately isosteric analogue of QL47 (HY-80003). QL47R dose not inhibit the biochemical kinase activity of BTK at concentrations below 10 μM. QL47R dose not display antiproliferative activity on B-Cell Lymphoma Cell Lines at concentrations of less than 10 μM^[1].

REFERENCES

[1]. Wu H, et al. Discovery of a potent, covalent BTK inhibitor for B-cell lymphoma. ACS Chem Biol. 2014 May 16;9(5):1086-91.

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

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