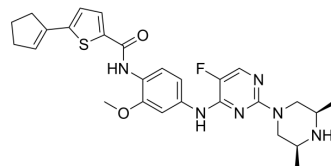


BCL6-IN-6

Cat. No.:	HY-143653		
CAS No.:	2408882-54-0		
Molecular Formula:	C ₂₇ H ₃₁ FN ₆ O ₂ S		
Molecular Weight:	522.64		
Target:	BCL6		
Pathway:	Immunology/Inflammation		
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 : ≥ 4 mg/mL (7.65 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.9134 mL	9.5668 mL	19.1336 mL
	5 mM	0.3827 mL	1.9134 mL	3.8267 mL
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

BCL6-IN-6 is a potent inhibitor of transcriptional repressor B-cell lymphoma 6 (BCL6). BCL6-IN-6 significantly blocks the interaction of BCL6 with its corepressors and reactivates BCL6 target genes in a dose-dependent manner. BCL6-IN-6 has the potential for the research of diffuse large B-cell lymphoma (DLBCL)^[1].

IC₅₀ & Target

BCL6^[1]

REFERENCES

[1]. Guo W, et al. Synthesis and Biological Evaluation of B-Cell Lymphoma 6 Inhibitors of N-Phenyl-4-pyrimidinamine Derivatives Bearing Potent Activities against Tumor Growth. J Med Chem. 2020;63(2):676-695.

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

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