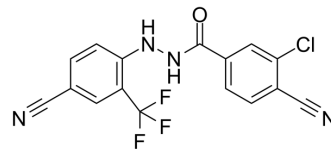


VPC-70619

Cat. No.:	HY-144878	
CAS No.:	2361742-30-3	
Molecular Formula:	C ₁₆ H ₈ ClF ₃ N ₄ O	
Molecular Weight:	364.71	
Target:	c-Myc	
Pathway:	Apoptosis	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (274.19 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.7419 mL	13.7095 mL	27.4190 mL
	5 mM	0.5484 mL	2.7419 mL	5.4838 mL
	10 mM	0.2742 mL	1.3710 mL	2.7419 mL

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

BIOLOGICAL ACTIVITY

Description

VPC-70619 is a potent, orally active N-Myc inhibitor. VPC-70619 blocks the N-Myc-Max heterocomplex from binding to DNA E-boxes and demonstrated strong inhibition activity against N-Myc-dependent cell lines as well as high bioavailability in both oral and intraperitoneal administration^[1].

REFERENCES

[1]. Ton AT, et al. Development of VPC-70619, a Small-Molecule N-Myc Inhibitor as a Potential Therapy for Neuroendocrine Prostate Cancer. *Int J Mol Sci.* 2022;23(5):2588. Published 2022 Feb 26.

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

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