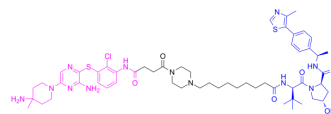


SHP2 protein degrader-2

Cat. No.:	HY-145703		
CAS No.:	2740582-16-3		
Molecular Formula:	C ₅₆ H ₇₉ ClN ₁₂ O ₆ S ₂		
Molecular Weight:	1115.89		
Target:	PROTACs; Phosphatase; SHP2		
Pathway:	PROTAC; Metabolic Enzyme/Protease; Protein Tyrosine Kinase/RTK		
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 : 100 mg/mL (89.61 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.8961 mL	4.4807 mL	8.9615 mL
5 mM	0.1792 mL	0.8961 mL	1.7923 mL
10 mM	0.0896 mL	0.4481 mL	0.8961 mL

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

BIOLOGICAL ACTIVITY

Description

SHP2 protein degrader-2 (SHP2-D26) is a SHP2 protein PROTAC degrader. SHP2 protein degrader-2 reduces expression level of SHP2 in various cancer cells^[1].

In Vitro

SHP2 protein degrader-2 (SHP2-D26) achieves excellent degradation of SHP2 with the DC₅₀ (the concentration where 50% of the protein has been degraded) values of 2.6 nM and 6.0 nM for MV4;11 and KYSE520 cells, respectively^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Song Y, et al. Strategies Targeting Protein Tyrosine Phosphatase SHP2 for Cancer Therapy. J Med Chem. 2022 Feb 24;65(4):3066-3079.

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

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