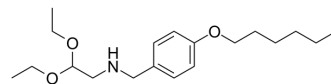


MP07-66

Cat. No.:	HY-123794		
CAS No.:	1938056-90-6		
Molecular Formula:	C ₁₉ H ₃₃ NO ₃		
Molecular Weight:	323.47		
Target:	Phosphatase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 250 mg/mL (772.87 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		3.0915 mL	15.4574 mL	30.9148 mL
	5 mM		0.6183 mL	3.0915 mL	6.1830 mL
	10 mM		0.3091 mL	1.5457 mL	3.0915 mL

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

BIOLOGICAL ACTIVITY

Description

MP07-66, a FTY720 analogue, is devoid of immunosuppressive effects and shows promising antitumor effects in chronic lymphocytic leukemia by disruption of the SET-PP2A complex leading to PP2A reactivation^[1].

REFERENCES

[1]. Zonta F, et al. Lyn sustains oncogenic signaling in chronic lymphocytic leukemia by strengthening SET-mediated inhibition of PP2A. Blood. 2015;125(24):3747-3755.

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

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