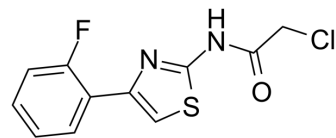


BAY 1892005

Cat. No.:	HY-156967		
CAS No.:	2036352-13-1		
Molecular Formula:	C ₁₁ H ₈ ClFN ₂ OS		
Molecular Weight:	270.71		
Target:	MDM-2/p53		
Pathway:	Apoptosis		
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 : 250 mg/mL (923.50 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.6940 mL	18.4699 mL	36.9399 mL
	5 mM	0.7388 mL	3.6940 mL	7.3880 mL
	10 mM	0.3694 mL	1.8470 mL	3.6940 mL

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

BIOLOGICAL ACTIVITY

Description

BAY 1892005 is a regulator of p53 protein and acts on p53 condensates without causing mutant p53 reactivation^[1].

In Vitro

BAY 1892005 inhibits cell proliferation in p53 mutated cell lines Huh7 (IC₅₀=11.2 μM) and H358 (IC₅₀=11.1 μM)^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lemos C, et al. Identification of Small Molecules that Modulate Mutant p53 Condensation[J].iScience, 2020, 23(9):101517.

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

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