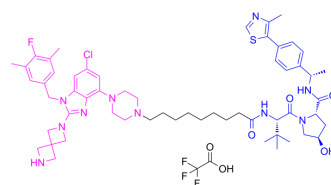


PROTAC SOS1 degrader-1 TFA

Cat. No.:	HY-145737A
Molecular Formula:	C ₅₉ H ₇₇ ClF ₄ N ₁₀ O ₆ S
Molecular Weight:	1165.82
Target:	PROTACs; Ras
Pathway:	PROTAC; GPCR/G Protein; MAPK/ERK Pathway
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (85.78 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		0.8578 mL	4.2888 mL	8.5777 mL
	5 mM		0.1716 mL	0.8578 mL	1.7155 mL
	10 mM		0.0858 mL	0.4289 mL	0.8578 mL

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

BIOLOGICAL ACTIVITY

Description

PROTAC SOS1 degrader-1 (TFA) is a potent PROTAC SOS1 degrader with an DC₅₀ of 98.4 nM. PROTAC SOS1 degrader-1 shows antiproliferation activity in cancer cells with various KRAS mutations. PROTAC SOS1 degrader-1 shows antitumor effect with low toxicity^[1].

IC₅₀ & Target

DC₅₀: 98.4 nM (SOS1)^[1]

REFERENCES

[1]. Zhou C, et al. Discovery of the First-in-Class Agonist-Based SOS1 PROTACs Effective in Human Cancer Cells Harboring Various KRAS Mutations. J Med Chem. 2022 Mar 10;65(5):3923-3942.

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

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