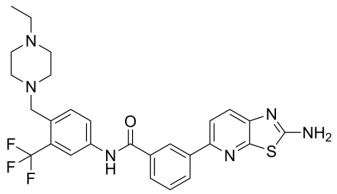
HG-7-85-01-NH2

Cat. No.:	HY-131178
CAS No.:	1258391-29-5
Molecular Formula:	$C_{27}H_{27}F_3N_6OS$
Molecular Weight:	540.6
Target:	PROTACs
Pathway:	PROTAC
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 : 125 mg/mL (231.22 mM; ultrasonic and adjust pH to 5 with H_2O)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.8498 mL	9.2490 mL	18.4980 mL
	5 mM	0.3700 mL	1.8498 mL	3.6996 mL
	10 mM	0.1850 mL	0.9249 mL	1.8498 mL

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

BIOLOGICAL ACTIVITY

Description

HG-7-85-01-NH2 is the ligand of SNIPER(ABL)-033. SNIPER(ABL)-033, conjugating HG-7-85-01 (ABL inhibitor) to LCL161 derivative (IAP ligand) with a linker, induces the reduction of BCR-ABL protein with a DC_{50} value of 0.3 μM[1].

REFERENCES

[1]. Shibata N, et al. Development of protein degradation inducers of oncogenic BCR-ABL protein by conjugation of ABL kinase inhibitors and IAP ligands. Cancer Sci. 2017 Aug;108(8):1657-1666.

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

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