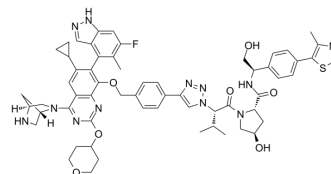


Setidegrasib

Cat. No.:	HY-148273
CAS No.:	2821793-99-9
Molecular Formula:	C ₆₀ H ₆₅ FN ₁₂ O ₇ S
Molecular Weight:	1117.3
Target:	Ras; PROTACs
Pathway:	GPCR/G Protein; MAPK/ERK Pathway; PROTAC
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (111.88 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		0.8950 mL	4.4751 mL	8.9501 mL
	5 mM		0.1790 mL	0.8950 mL	1.7900 mL
	10 mM		0.0895 mL	0.4475 mL	0.8950 mL

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

BIOLOGICAL ACTIVITY

Description

Setidegrasib (example 8) is a quinazoline-linked (4R)-4-hydroxy-L-prolinamide compound, inducing degradation of G12D-mutation KRAS protein. Setidegrasib is a PROTAC^[1].

IC₅₀ & Target

KRAS(G12D)

REFERENCES

[1]. Yoshinari, et al. Preparation of quinazoline-linked (4R)-4-hydroxy-L-prolinamide compounds for inducing degradation of G12D-mutation KRAS protein: World Intellectual Property Organization, WO2022173032[P]. 2022-08-18.

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

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