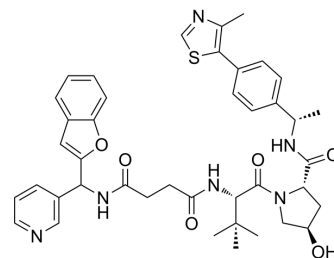


(S,R,S)-AHPC-C2-amide-benzofuranylmethyl-pyridine

Cat. No.:	HY-147025
CAS No.:	2347517-69-3
Molecular Formula:	C ₄₁ H ₄₆ N ₆ O ₆ S
Molecular Weight:	750.91
Target:	PROTACs; TGF-beta/Smad; HIF/HIF Prolyl-Hydroxylase
Pathway:	PROTAC; Stem Cell/Wnt; TGF-beta/Smad; Metabolic Enzyme/Protease
Storage:	4°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 : ≥ 170 mg/mL (226.39 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.3317 mL	6.6586 mL	13.3172 mL
	5 mM	0.2663 mL	1.3317 mL	2.6634 mL
	10 mM	0.1332 mL	0.6659 mL	1.3317 mL

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

BIOLOGICAL ACTIVITY

Description

(S,R,S)-AHPC-C2-amide-benzofuranylmethyl-pyridine is a dual target PROTAC that can not only target to the ubiquitination and degradation of Smad3 but also improve the HIF- α protein level. (S,R,S)-AHPC-C2-amide-benzofuranylmethyl-pyridine has a multi-path anti-fibrosis function and a renal protection function for research of renal anemia^[1].

REFERENCES

[1]. Method for dual-target construction of protac, and use thereof. WO2020119192A1.

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

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