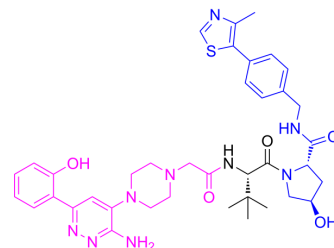


PROTAC SMARCA2/4-degrader-26

Cat. No.:	HY-162815
Molecular Formula:	C ₃₈ H ₄₇ N ₉ O ₅ S
Molecular Weight:	741.9
Target:	PROTACs; Epigenetic Reader Domain
Pathway:	PROTAC; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PROTAC SMARCA2/4-degrader-26 (compound 6) is a PROTAC targeting SMARCA2/4. SMARCA2 and SMARCA4 are genes and cancer targets with complementary functions that catalyze nucleosome movement. PROTAC SMARCA2/4-degrader-25 is composed of PROTAC target protein ligand 2-(4-(3-Amino-6-(2-hydroxyphenyl)pyridazin-4-yl)piperazin-1-yl)acetic acid (HY-46618) (red part), E3 ligase ligand (2S,4R)-4-Hydroxy-N-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide (HY-W998248) (blue part), PROTAC linker (S)-2-Amino-3,3-dimethylbutanoic acid (HY-59140) (black part), and the conjugate composed of E3 ubiquitin ligase ligand + Linker is (S,R,S)-AHPC (HY-125845) ^[1] .
IC ₅₀ & Target	SMARCA2/4 ^[1]

REFERENCES

[1]. Ji M, et al. Glutathione-dependent degradation of SMARCA2/4 for targeted lung cancer therapy with improved selectivity. *Eur J Med Chem.* 2024 Nov 5;277:116751.

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

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