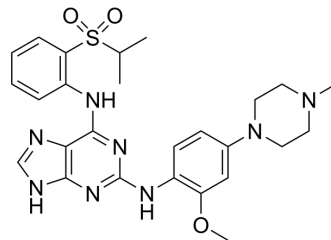


DCLK1-IN-2

Cat. No.:	HY-155303
CAS No.:	2978517-43-8
Molecular Formula:	C ₂₆ H ₃₂ N ₈ O ₃ S
Molecular Weight:	536.65
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

DCLK1-IN-2 (compound I-5) is a potent DCLK1 inhibitor with an IC₅₀ of 171.3 nM. DCLK1-IN-2 shows remarkable antiproliferative effects on SW1990 cell lines (IC₅₀ of 0.6 μM) and in vivo antitumor potency^[1].

REFERENCES

[1]. Yuepeng Chen, et al. Design, synthesis and biological evaluation of novel DCLK1 inhibitor containing purine skeleton for the treatment of pancreatic cancer. European Journal of Medicinal Chemistry. 7 October 2023, 115846.

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

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