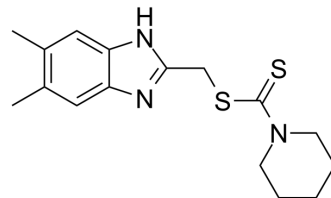


PIN1 inhibitor 2

Cat. No.:	HY-147710
CAS No.:	2417101-28-9
Molecular Formula:	C ₁₆ H ₂₁ N ₃ S ₂
Molecular Weight:	319.49
Target:	MicroRNA
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PIN1 inhibitor 2 (compound 12) is a potent PIN1 inhibitor. PIN1 inhibitor 2 shows antitumor activity with an IC ₅₀ of 9.55 μM for MCF7 cells. PIN1 inhibitor 2 has the potential for the research of breast cancer ^[1] .
IC ₅₀ & Target	PIN1 ^[1]

REFERENCES

[1]. Nashaat S, et al. Synthesis, state-of-the-art NMR-binding and molecular modeling study of new benzimidazole core derivatives as Pin1 inhibitors: Targeting breast cancer. *Bioorg Med Chem.* 2020 Jun 1;28(11):115495.

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

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