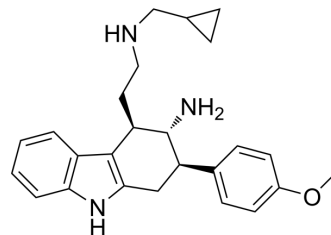


UCM-13369

Cat. No.:	HY-162265
CAS No.:	2921944-77-4
Molecular Formula:	C ₂₅ H ₃₁ N ₃ O
Molecular Weight:	389.53
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	UCM-13369 (Compound 4b) is a NPM1 inhibitor. UCM-13369 downregulates the pathway associated with mutant NPM1 C+, and specifically recognizes the C-end DNA-binding domain of NPM1 C+. UCM-13369 induces apoptosis in AML cell lines and primary cells, that can be used for the research of AML ^[1] .
IC ₅₀ & Target	NPM1 ^[1]

REFERENCES

[1]. Algar S, et al. Cancer-Stem-Cell Phenotype-Guided Discovery of a Microbiota-Inspired Synthetic Compound Targeting NPM1 for Leukemia. JACS Au. 2024.

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

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