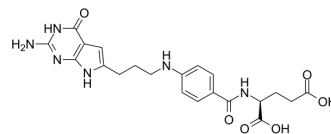


FR α -IN-1

Cat. No.:	HY-147699
CAS No.:	2028296-64-0
Molecular Formula:	C ₂₁ H ₂₄ N ₆ O ₆
Molecular Weight:	456.45
Target:	Antifolate
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FR α -IN-1 (Compound 4) is a tumor-targeting agent. FR α -IN-1 shows selective anticancer activity towards folate receptors (FR α and FR β) expression cells ^[1] .
IC ₅₀ & Target	Folate receptor ^[1]

REFERENCES

[1]. Golani LK, et al. Design, synthesis and biological evaluation of novel pyrrolo[2,3-d]pyrimidine as tumor-targeting agents with selectivity for tumor uptake by high affinity folate receptors over the reduced folate carrier. *Bioorg Med Chem*. 2020 Jun 15;28(12):115544.

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

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