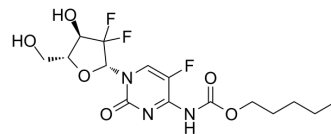


Pencitabine

Cat. No.:	HY-145705
CAS No.:	2249843-29-4
Molecular Formula:	C ₁₅ H ₂₀ F ₃ N ₃ O ₆
Molecular Weight:	395.33
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Pencitabine (Pen) is an orally active anticancer agent. Pencitabine interferes with DNA synthesis and function by inhibiting multiple nucleotide-metabolizing enzymes and by misincorporation into DNA^[1].

REFERENCES

[1]. Kalman TI. Rational Design of an Orally Active Anticancer Fluoropyrimidine, Pencitabine, a Hybrid of Capecitabine and Gemcitabine. ACS Med Chem Lett. 2022 Feb 21;13(3):409-416.

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

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