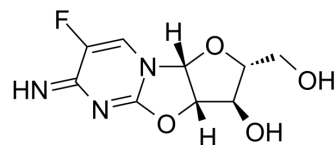


Flurocitabine

Cat. No.:	HY-106218
CAS No.:	37717-21-8
Molecular Formula:	C ₉ H ₁₀ FN ₃ O ₄
Molecular Weight:	243.19
Target:	Nucleoside Antimetabolite/Analog
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Flurocitabine (5-Fluorocycloctidine) is a fluorinated anhydride analog of cytosine arabinoside, partially hydrolysed in vivo into two active antitumor substances (arabinosyl-fluorocytosine (ara-FC) and arabinosyl-fluorouracil (ara-FU)).
Flurocitabine (5-Fluorocycloctidine) has antitumor activity during phase I studies in acute leukemia and solid tumors^[1].

REFERENCES

[1]. Alberto P, et al. Phase II study of anhydro-ara-5-fluorocytidine in adenocarcinoma of gastrointestinal tract, epidermoid carcinoma of lung, head and neck, breast carcinoma and small cell anaplastic carcinoma of lung. A study report of the E.O.R.T.C. early clinical trial cooperative group. *Eur J Cancer*. 1978;14(2):195-201.

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

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