

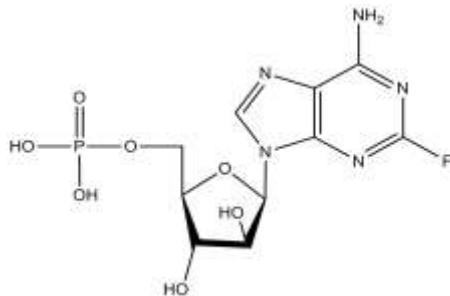
Fludarabine Phosphate

ALTERNATE NAME: [(2*R*,3*R*,4*S*,5*R*)-5-(6-amino-2-fluoro-purin-9-yl)-3,4-dihydroxy-oxolan-2-yl]methoxyphosphonic acid; Fludara

CATALOG #: 1763-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₁₃FN₅O₇P

MOLECULAR WEIGHT: 365.21

CAS NUMBER: 75607-67-9

APPEARANCE: White solid

SOLUBILITY: DMSO and H₂O (5 mg/ml)

PURITY: ≥98%

STORAGE: Store at -20 °C. Hygroscopic. Protect from moisture

DESCRIPTION: A chemotherapy drug used in the treatment of hematological malignancies. Fludarabine phosphate is rapidly dephosphorylated to 2-fluoro-ara-A and then phosphorylated intracellularly by deoxycytidine kinase to the active triphosphate, 2-fluoro-ara-ATP. This metabolite may inhibit DNA polymerase- α , ribonucleotide reductase and DNA primase, thereby interrupting DNA synthesis and inhibiting tumor cell growth.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Bexarotene (Cat. No. 1575-5, 50)
- Capecitabine (Cat. No. 1741-100,1000)
- Carboplatin (Cat. No. 1553-100)
- Cisplatin (Cat. No. 1550-100,1000)
- Daunorubicin.HCl (1524-10,50,500)
- Doxorubicin HCl (Cat. No. 1527-5)
- Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)
- Nedaplatin (Cat. No. 1576-5)
- Oxaliplatin (Cat. No. 1577-25)
- Paclitaxel (Cat. No. 1567-25)
- Tamoxifen Citrate (Cat. No. 1551-1000)

FOR RESEARCH USE ONLY! Not to be used on humans.