# Fludarabine (Fludara)

*Cat. No. CEI-1078*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Fludarabine or fludarabine phosphate (Fludara) is a chemotherapy drug used in the treatment of hematological malignancies (cancers of blood cells such as leukemias and lymphomas) .Fludarabine inhibits DNA synthesis by interfering with ribonucleotide reductase and DNA polymerase. It is active against both dividing and resting cells. |

## Product Information

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| ***CAS No.*** | 21679-14-1 |
| ***Molecular Formula*** | C10H12FN5O4 |
| ***Chemical Name*** | [(2R,3R,4S,5R)-5-(6-amino-2-fluoro-purin-9-yl)- 3,4-dihydroxy-oxolan-2-yl]methoxyphosphonic acid |
| ***Molecular Weight*** | 285.2 |
| ***Purity*** | >98% |
| ***Targets*** | DNA synthesis |
| ***Solubility*** | DMSO |

## Storage and Shipping Information

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| ***Storage*** | -20 centigrade 2 years |