

Fludarabine (Fludara)

Cat. No. CEI-1078

Lot. No. (See product label)

Introduction

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

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

Storage -20 centigrade 2 years