

Fotemustine

Catalog No: tcsc2977



Available Sizes

Size: 10mg

Size: 50mg



Specifications

CAS No:

92118-27-9

Formula:

$\text{C}_9\text{H}_{19}\text{ClN}_3\text{O}_5\text{P}$

Pathway:

Cell Cycle/DNA Damage

Target:

DNA Alkylator/Crosslinker

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 3.2 mg/mL (10.14 mM)

Alternative Names:

S10036

Observed Molecular Weight:

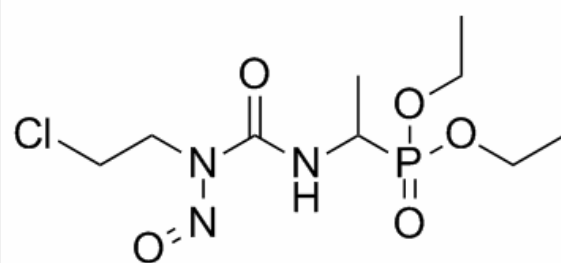
315.69

Product Description

Fotemustine is a **DNA-alkylating** agent, with antitumor activity.

IC50 & Target: DNA Alkylator^[1]

In Vitro: Fotemustine is a DNA-alkylating agent. Fotemustine (800 μ M) decreases GSH and intracellular GSSG levels but increases the extracellular GSSG-levels rapidly in isolated rat hepatocytes^[1]. Fotemustine shows inhibitory effect on several tumor cell lines, with IC₅₀s ranging from 0.05 to 0.18 mM^[2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!