

Ifosfamide Assay Analyzed with HPLC – AppNote

A Reliable Method for an Antineoplastic Chemotherapeutic Drug

This Ifosfamide Assay is easily performed and demonstrates Run to Run consistency and Precision with Retention Time RSD values below 0.8%. This Method shows reliability for analysis of this Pyrimidine analog that is an antineoplastic anti-metabolite.



Peak:



Ifosfamide

Method Conditions:

Column: Cogent RP C18™, 5um, 100Å

Catalog No.: 68518-30P-3.9

Dimensions: 3.9mm x 300mm

Mobile Phase: (70:30) Water / Acetonitrile

Injection vol.: 25µL

Flow rate: 1.0mL / minute

Detection: UV @ 195nm

Sample Preparation: Ifosfamide 0.6mg / mL in DI Water

Note: Ifosfamide is an Alkylating and immunosuppressive agent used in Chemotherapy for the treatment of Cancers, including Testicular Cancer, Ovarian Cancer, Cervical Cancer, Osteocarcinoma, Bladder Cancer, and non-Hodgkin's Lymphoma.

This Method was developed by and is presented courtesy of **ARL- Eutech Scientific Services, Inc.**



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