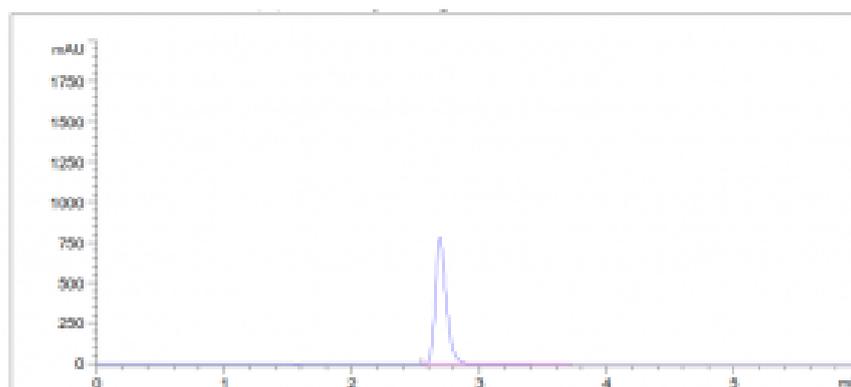


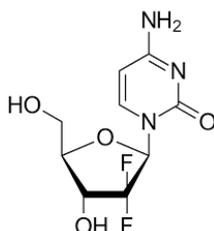
Gemcitabine Assay Analyzed with HPLC – AppNote

A Reliable Method for a Chemotherapeutic Drug

This Gemcitabine Assay is easily performed and demonstrates Run to Run consistency and Precision with Retention Time RSD values below 0.4%. This Method shows consistency and reliability for analysis of this Nucleoside Chemotherapeutic.



Peak:
Gemcitabine



Met hod Conditions:

Column: Cogent RP C8™, 5 um, 150 Å

Catalog No.: [68508-25P](#)

Dimensions: 4.6 x 250 mm

Mobile Phase: 13.8 g of Monobasic Sodium Phosphate and 2.5 ml of Phosphoric Acid in 1L of Water.

Injection vol.: 20 µL

Flow rate: 1.2 mL / minute

Detection: UV @ 275nm

Sample Preparation: Gemcitabine 1.0 mg / mL in DI Water

Note: Gemcitabine is a nucleoside analog and a chemotherapeutic agent. It is used as adjunct therapy in the treatment of certain types of ovarian cancer, non-small cell lung carcinoma, metastatic breast cancer, and as a single agent for

his Method was developed by and is presented courtesy of [ARL- Eutech Scientific Services, Inc.](#)



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