

Gemcitabine

Catalog No: #S0251

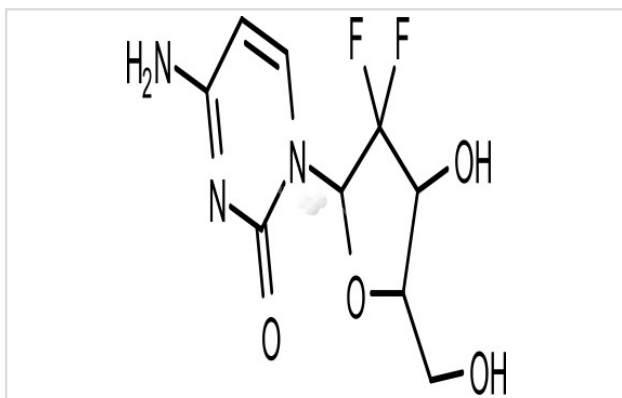
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Description

Product Name	Gemcitabine
Brief Description	Inhibitors
Purification	99.00%
Target Name	Autophagy activator; DNA/RNA Synthesis inhibitor; Others inhibitor
Calculated MW	263.2
Formulation	C9H11F2N3O4
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Cancer
 SMILES: C1=CN(C(=O)N=C1N)[C@H]2C([C@@H]([C@H](O2)CO)O)(F)F
 Pathways: Autophagy; DNA Damage/DNA Repair;
 Others/Receptor: Autophagy; Thymidylate synthase; UMP-CMP kinase
 Boiling pt: Melting pt: 168°C
 Solubility: DMSO: 15 mg/mL (56.99 mM)
 Appearance: White Powder
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Hertel LW, et al. Y Res, 1990, 50(14), 4417-4422.

Note: This product is for in vitro research use only