Creative Enzymes®

Gemcitabine HCl

Cat. No. CEI-1347

Lot. No. (See product label)

Introduction

Description	Gemcitabine HCl is an inhibitor of DNA synthesis with IC50 of 50 nM, 40 nM, 18 nM and 12 nM in PANC1, MIAPaCa2, BxPC3 and Capan2 cells, respectively.

Product Information

CAS No.	122111-03-9
Molecular Formula	C9H11F2N3O4.HCl
Chemical Name	4-amino-1-[(2R,4R,5R)-3,3-difluoro-4-hydroxy-5-(hydroxymethyl)oxolan-2-yl]pyrimidin-2-one; hydrochloride
Molecular Weight	299.66
Purity	98.00%
Targets	PANC1; MIAPaCa2; BxPC3; Capan2 cell lines
IC50	50 nM; 40 nM; 18 nM; 12 nM
Solubility	Limited solubility

Storage and Shipping Information

Storage	Store at -20°C
Shipping Conditions	Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request