

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 0.98

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