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Product Datasheet

2',2'-Difluorodeoxyuridine, CAS [[114248-23-6]] BYT-ORB1962261

Article Name	2',2'-Difluorodeoxyuridine, CAS [[114248-23-6]]
Biozol Catalog Number	BYT-ORB1962261
Supplier Catalog Number	orb1962261
Alternative Catalog Number	BYT-ORB1962261-1, BYT-ORB1962261-10, BYT-ORB1962261-100, BYT-ORB1962261-200, BYT-ORB1962261-25, BYT-ORB1962261-5, BYT-ORB1962261-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	2',2'-Difluorodeoxyuridine (dFdU) is the primary metabolite of the chemotherapeutic agent Gemcitabine. It exhibits anticancer and radiosensitizing properties, particularly under hypoxic conditions, making it a relevant compound for in vitro and in vi...
Molecular Weight	264.18
Purity	99.66% (May vary between batches)
CAS Number	[114248-23-6]
Formula	C9H10F2N2O5
Target	Drug Metabolite,Apoptosis
Application Notes	Solubility: DMSO:80 mg/mL (302.82 mM),10% DMSO+40% PEG300+5% Tween-80+45% Saline:5 mg/mL (18.93 mM)