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## Product Datasheet

### Trifluridine, CAS [[70-00-8]] BYT-ORB1308655

Article Name	Trifluridine, CAS [[70-00-8]]
Biozol Catalog Number	BYT-ORB1308655
Supplier Catalog Number	orb1308655
Alternative Catalog Number	BYT-ORB1308655-1, BYT-ORB1308655-10, BYT-ORB1308655-100, BYT-ORB1308655-200, BYT-ORB1308655-25, BYT-ORB1308655-50, BYT-ORB1308655-500
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Trifluridine is a fluorinated thymidine analog with antineoplastic and antiviral properties. It functions by incorporating into DNA and inhibiting thymidylate synthase, thereby disrupting DNA synthesis and inducing apoptosis. This mechanism has been ...
Molecular Weight	296.2
Purity	99.82% (May vary between batches)
CAS Number	[70-00-8]
Formula	C10H11F3N2O5
Target	DNA/RNA Synthesis, Virus Protease, Nucleoside Antimetabolite/Analog, HSV, Apoptosis, Autophagy
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:5 mg/mL (16.88 mM), H2O:14.8 mg/mL (49.97 mM), DMSO:255 mg/mL (860.9 mM)