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## Product Datasheet

### Flavopiridol, CAS [[146426-40-6]] BYT-ORB1685546

Article Name	Flavopiridol, CAS [[146426-40-6]]
Biozol Catalog Number	BYT-ORB1685546
Supplier Catalog Number	orb1685546
Alternative Catalog Number	BYT-ORB1685546-1, BYT-ORB1685546-10, BYT-ORB1685546-2, BYT-ORB1685546-25, BYT-ORB1685546-5
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Flavopiridol (Alvocidib) is a potent ATP-competitive inhibitor of cyclin-dependent kinases CDK1, CDK2, CDK4, and CDK6 (IC50 ~40 nM), demonstrating selectivity over CDK7. It has been investigated in preclinical and clinical studies (Phase 1/2) for onc...
Molecular Weight	401.84
Purity	99.99% (May vary between batches)
CAS Number	[146426-40-6]
Formula	C21H20ClNO5
Target	Apoptosis, Autophagy, HIV Protease, CDK
Application Notes	Solubility: DMSO:34 mg/mL (84.61 mM), 10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (4.98 mM), Ethanol:8 mg/mL (19.91 mM), H2O:< 1 mg/mL (insoluble or slightly soluble)