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Product Datasheet

Abemaciclib, CAS [[1231930-82-7]]

FBM-10-4833

Article Name	Abemaciclib, CAS [[1231930-82-7]]
Biozol Catalog Number	FBM-10-4833
Supplier Catalog Number	10-4833
Alternative Catalog Number	FBM-10-4833-10MG,FBM-10-4833-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CDK 4/6 inhibitor...
Molecular Weight	602.70
Purity	>98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1231930-82-7]
Formula	C ₂₇ H ₃₂ F ₂ N ₈ CH ₃ SO ₃ H
Application Notes	<p>Abemaciclib (1231930-82-7) is a potent and selective CDK4/6 inhibitor (IC₅₀ = 2 nM and 10 nM respectively).¹ It caused G1 cell cycle arrest in colo-205 colorectal cells, MDA-MB-361 breast cancer cells, and MV4-11 AML cells. Abemaciclib was also active in several human tumor xenograft models. It displayed efficacy in patients with various solid tumors including breast cancer, non-small cell lung cancer, glioblastoma, melanoma, colorectal cancer, and hormone receptor-positive breast cancer.² Abemaciclib induced a T cell inflamed tumor microenvironment and enhanced the efficacy of PD-L1 checkpoint blockade in MCF-7 breast cancer cells.³ FDA approved for the treatment of advanced breast cancers.</p>