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Product Datasheet

Palbociclib, CAS [[571190-30-2]] FBM-10-4760

Article Name	Palbociclib, CAS [[571190-30-2]]
Biozol Catalog Number	FBM-10-4760
Supplier Catalog Number	10-4760
Alternative Catalog Number	FBM-10-4760-5MG,FBM-10-4760-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	CDK4/CDK6 inhibitor...
Molecular Weight	447.53
Purity	99% by HPLC/TLC NMR (Conforms)
Form	Yellow solid
CAS Number	[571190-30-2]
Formula	C ₂₄ H ₂₉ N ₇ O ₂
Application Notes	Potent and selective inhibitor of Cdk4, IC ₅₀ = 11 nM and Cdk6, IC ₅₀ = 16 nM.1 Inhibits phosphorylation of Rb protein and cell cycle progression through G1 in primary 5T33MM cells and sensitized these cells to killing by a proteasome inhibitor (bortezomib) in mouse models.2 Induces autophagy and senescence in AGS gastric cancer cells.3 Clinically useful breast cancer agent.4 Cell cycle inhibitors boost tumor immunogenicity.5