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## Product Datasheet

### **GSK3326595, CAS [[1616392-22-3]] FBM-10-4028**

Article Name	GSK3326595, CAS [[1616392-22-3]]
Biozol Catalog Number	FBM-10-4028
Supplier Catalog Number	10-4028
Alternative Catalog Number	FBM-10-4028-5MG, FBM-10-4028-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	PRMT5 inhibitor...
Molecular Weight	452.56
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[1616392-22-3]
Formula	C24H32N6O3
Application Notes	<p>GSK3326595 is a potent (<math>IC_{50} = 6.2nM</math>), selective (&gt;4000-fold over 20 other methyltransferases), SAM uncompetitive, peptide competitive inhibitor of PRMT5.1 PRMT5 inhibition activated the p53 pathway via induction of alternative splicing of MDM4 leading to a potent anti-proliferative response both in vitro and in vivo. Combination therapy with palbociclib (CDK4/6 inhibitor, Focus Cat. 10-4760) and GSK3326595 lead to increased efficacy of palbociclib in treating native and resistant models of melanoma via regulation of the PRMT5-MDM4 axis.2 Currently in clinical Trials.3</p>