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Product Datasheet

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

Artikelname	GSK3326595, CAS [[1616392-22-3]]
Artikelnummer	FBM-10-4028
Hersteller Artikelnummer	10-4028
Alternativnummer	FBM-10-4028-5MG,FBM-10-4028-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	PRMT5 inhibitor...
Molekulargewicht	452.56
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[1616392-22-3]
Formel	C24H32N6O3
Anwendungsbeschreibung	GSK3326595 is a potent ($IC_{50} = 6.2nM$), selective (>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