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Product Datasheet

Enasidenib, CAS [[1446502-11-9]] FBM-10-4660

Article Name	Enasidenib, CAS [[1446502-11-9]]
Biozol Catalog Number	FBM-10-4660
Supplier Catalog Number	10-4660
Alternative Catalog Number	FBM-10-4660-5MG, FBM-10-4660-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	IDH2 inhibitor...
Molecular Weight	473.38
Purity	98%, NMR (Conforms)
Form	White solid
CAS Number	[1446502-11-9]
Formula	C19H17F6N7O
Application Notes	Enasidenib is a potent (IC50s = 100 nM IDH2R140Q homodimer, 30 nM IDH2R140Q/WT heterodimer and 10 nM IDH2R172K/WT heterodimer) and selective inhibitor of mutant isocitrate dehydrogenase 2 (IDH2). ¹ It suppressed the production of the oncometabolite (R)-2-Hydroxyglutarate (a competitive inhibitor of alphaKG-dependent dioxygenases which leads to epigenetic dysregulation) and induced cellular differentiation in primary human IDH2 mutation-positive acute myeloid leukemia cells. ^{1,2} Recently approved for clinical use by the FDA.