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Product Datasheet

Idelalisib, CAS [[870281-82-6]] FBM-10-4820

Article Name	Idelalisib, CAS [[870281-82-6]]
Biozol Catalog Number	FBM-10-4820
Supplier Catalog Number	10-4820
Alternative Catalog Number	FBM-10-4820-10MG,FBM-10-4820-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective PI3Kdelta inhibitor...
Molecular Weight	415.43
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[870281-82-6]
Formula	C ₂₁ H ₁₈ FN ₇ O
Application Notes	Potent (IC ₅₀ = 2.5nM) and selective (IC ₅₀ s: PI3Ka = 820nM, PI3Kb = 565nM, PI3Kg = 89nM) PI3Kd inhibitor. ^{1,2} Useful clinical agent for the treatment of various blood cancers. Idelalisib attenuates regulatory T cells (Treg) but not conventional T cells (Tconv) resulting in a significant increase in tumor-infiltrating antigen-specific CD8 T cells in a murine lung cancer model. ³ Conversely, systemic PI3Kd inactivation antagonized anti-CTLA-4 and anti-PD-L1 treatment. ⁴ Others have found that Idelalisib minimally influenced rituximab- and obinutuzumab-mediated Ab-dependent cellular cytotoxicity in human lymphoma cells. ⁵