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Product Datasheet

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

Artikelname	Idelalisib, CAS [[870281-82-6]]
Artikelnummer	FBM-10-4820
Hersteller Artikelnummer	10-4820
Alternativnummer	FBM-10-4820-10MG,FBM-10-4820-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Selective PI3Kdelta inhibitor...
Molekulargewicht	415.43
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[870281-82-6]
Formel	C21H18FN7O
Anwendungsbeschreibung	Potent (IC₅₀ = 2.5nM) and selective (IC₅₀s: 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