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Product Datasheet

Imaradenant, CAS [[1321514-06-0]] FBM-10-4095

Article Name	Imaradenant, CAS [[1321514-06-0]]
Biozol Catalog Number	FBM-10-4095
Supplier Catalog Number	10-4095
Alternative Catalog Number	FBM-10-4095-5MG, FBM-10-4095-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	A2AR antagonist...
Molecular Weight	315.74
Purity	>98% by HPLC NMR (Conforms)
Form	Pale yellow solid
CAS Number	[1321514-06-0]
Formula	C15H11ClFN3
Application Notes	Imaradenant is a potent and selective A2AR antagonist (IC ₅₀ = 0.79 nM 0.1 μM adenosine). ¹ It restores T cell function and tumor antigen cross-presentation by CD103+ dendritic cells resulting in enhanced antitumor immunity. Imaradenant reduced tumor load in a murine model of multiple myeloma in combination with anti-CD73 therapy. ² It displayed efficacy in combination with PD-1 inhibitors against prostate cancer. ^{3,4} AZD4635 increased the infiltration of cytotoxic T cells and decreased infiltration of immunosuppressive cells to increase the efficacy of PARP inhibitors in an ovarian cancer model. ⁵