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Product Datasheet

NLG919 FBM-10-4564

Article Name	NLG919
Biozol Catalog Number	FBM-10-4564
Supplier Catalog Number	10-4564
Alternative Catalog Number	FBM-10-4564-5MG,FBM-10-4564-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	IDO pathway inhibitor...
Molecular Weight	282.39
Purity	985 by TLC, NMR (Conforms)
Form	White solid
CAS Number	[1402836-58-1]
Formula	C18H22N2O
Application Notes	NLG919 (1402836-58-1) is a potent IDO-pathway inhibitor ($K_i = 7\text{nM}$, $EC_{50} = 75\text{nM}$). ¹ It synergizes with chemo-radiation therapy to promote T cell dependent complement deposition in a murine model of glioblastoma. ² In combination with paclitaxel in a mouse B16-F10 melanoma model, NLG919 increased the percentage of CD3+, CD8+, and CD4+ T cells and secretion of IFN-gamma and interleukin-2 while decreasing the percentage of CD4+CD25+ regulatory T cells. ³