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Product Datasheet

Epacadostat, CAS [[1204669-58-8]]
FBM-10-4499

Article Name	Epacadostat, CAS [[1204669-58-8]]
Biozol Catalog Number	FBM-10-4499
Supplier Catalog Number	10-4499
Alternative Catalog Number	FBM-10-4499-5MG,FBM-10-4499-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	IDO1 inhibitor...
Molecular Weight	438.23
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1204669-58-8]
Formula	C11H13BrFN7O4S
Application Notes	Epacadostat (1204669-58-8) is a potent ($IC_{50} = 10nM$)¹ and selective inhibitor of Indoleamine-2,3-dioxygenase 1 (IDO1) with no activity at IDO2 or TDO.² It restored tryptophan levels and significantly impaired kynurenine generation in CT26 colon carcinoma ($IC_{50} = 76\text{ nM}$) and PAN02 pancreatic carcinoma ($IC_{50} = 27\text{ nM}$) cells. Epacadostat increases the number and activity of tumor-infiltrating lymphocytes as well as increasing the ration of effector T cells to regulatory T cells.^{1,2} Because of these immune system enhancing properties³, it is being investigated as a synergistic agent for use with other immune-oncology agents such as anti-PD-1 and anti-CTL4 antibodies.^{4,5,6}