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Product Datasheet

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

Artikelname	Epacadostat, CAS [[1204669-58-8]]
Artikelnummer	FBM-10-4499
Hersteller Artikelnummer	10-4499
Alternativnummer	FBM-10-4499-5MG,FBM-10-4499-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	IDO1 inhibitor...
Molekulargewicht	438.23
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1204669-58-8]
Formel	C11H13BrFN7O4S

Anwendungsbeschreibung	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}
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