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## Product Datasheet

### Epacadostat FBM-10-4499

Artikelname	Epacadostat
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	<p>Epacadostat (1204669-58-8) is a potent (IC<sub>50</sub> = 10nM)<sup>1</sup> and selective inhibitor of Indoleamine-2,3-dioxygenase 1 (IDO1) with no activity at IDO2 or TDO.<sup>2</sup> It restored tryptophan levels and significantly impaired kynurenine generation in CT26 colon carcinoma (IC<sub>50</sub> = 76 nM) and PAN02 pancreatic carcinoma (IC<sub>50</sub> = 27 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.<sup>1,2</sup> Because of these immune system enhancing properties<sup>3</sup>, it is being investigated as a synergistic agent for use with other immune-oncology agents such as anti-PD-1 and anti-CTL4 antibodies.<sup>4,5,6</sup></p>
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