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Product Datasheet

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

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| 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 |

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| Anwendungsbeschreibung | <p>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 ($IC_{50} = 76 nM$) and PAN02 pancreatic carcinoma ($IC_{50} = 27 nM$) 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.^{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}</p> |
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