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## Product Datasheet

### A1120, CAS [[1152782-19-8]] FBM-10-5117

Artikelname	A1120, CAS [[1152782-19-8]]
Artikelnummer	FBM-10-5117
Hersteller Artikelnummer	10-5117
Alternativnummer	FBM-10-5117-5MG,FBM-10-5117-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Non-retinoid RBP4 antagonist...
Molekulargewicht	392.38
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Off-white solid
CAS Nummer	[1152782-19-8]
Formel	C <sub>20</sub> H <sub>19</sub> F <sub>3</sub> N <sub>2</sub> O <sub>3</sub>
Anwendungsbeschreibung	A1120 (1152782-19-8) is a high affinity (K <sub>i</sub> = 8.3 nM) non-retinoid antagonist for RBP4 (retinol-binding protein 4), which disrupts the interaction between RBP4 and its binding partner transthyretin and lowers serum RBP4 levels in vivo in mice. <sup>1</sup> Significantly reduces lipofuscin bisretinoid formation in the retinas of Abca4 <sup>-/-</sup> mice with potential for treatment of atrophic age-related macular degeneration. <sup>2,3</sup> Has been employed as a small molecule "On-Switch for controlling CAR T cells in conjunction with RBP4 and engineered RBP4-binders. <sup>4</sup>