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Product Datasheet

BLZ945

FBM-10-4979

Artikelname	BLZ945
Artikelnummer	FBM-10-4979
Hersteller Artikelnummer	10-4979
Alternativnummer	FBM-10-4979-5MG,FBM-10-4979-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	CSF-1R inhibitor...
Molekulargewicht	398.48
Reinheit	>98% by HPLC (NMR Conforms)
Formulierung	Tan solid
CAS Nummer	[953769-46-5]
Formel	C ₂₀ H ₂₂ N ₄ O ₃ S
Anwendungsbeschreibung	<p>BLZ945 is a potent and brain-penetrant CSF-1R inhibitor (IC₅₀ = 1 nM).¹ It displayed significant antitumor effects in glioblastoma cells by altering the polarization of tumor-associated macrophages (TAMs). BLZ945 was shown to have significant antitumor effects in various cancer models via decreasing or reprogramming myeloid suppressor cells.^{2,3,4} It reversed the epithelial to mesenchymal transition in an inflammatory breast cancer model.⁵ BLZ945 modulated the tumor microenvironment in a lung cancer model by activating cross-talk between natural killer, T, and dendritic cells promoting antitumor immunity.⁶</p>