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## Product Datasheet

**Pexidartinib, CAS [[1029044-16-3]]**  
**FBM-10-4829**

Artikelname	Pexidartinib, CAS [[1029044-16-3]]
Artikelnummer	FBM-10-4829
Hersteller Artikelnummer	10-4829
Alternativnummer	FBM-10-4829-5MG,FBM-10-4829-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	CSF1R inhibitor...
Molekulargewicht	417.81
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1029044-16-3]
Formel	C20H15ClF3N5
Anwendungsbeschreibung	<p>Pexidartinib (1029044-16-3) is a potent and selective dual inhibitor of CSF1R (IC<sub>50</sub> = 20nM) and c-KIT (IC<sub>50</sub> = 10nM).<sup>1</sup> Inhibition of CSF1R with Pexidartinib resulted in a reprogrammed immune microenvironment that fosters antitumor immunity in a CD8<sup>+</sup> T-cell-dependent manner in a breast cancer model.<sup>1</sup> CSF1R recruits tumor-infiltrating myeloid cell that suppress tumor immunity - Pexidartinib increased the efficacy of adoptive cell immunotherapy (ACT) in a mouse melanoma model by inhibiting the intratumoral accumulation of immunosuppressive macrophages.<sup>2,3</sup> It has also been shown to increase the efficacy of anti-PD-1,4,5 and DC immunotherapy <sup>6</sup>.</p>