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Product Datasheet

CB-839 FBM-10-4556

Artikelname	CB-839
Artikelnummer	FBM-10-4556
Hersteller Artikelnummer	10-4556
Alternativnummer	FBM-10-4556-5MG,FBM-10-4556-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Glutaminase inhibitor...
Molekulargewicht	571.57
Reinheit	>97% by HPLC: Agilent Poroshell 120 C18, 80/20 MeOH/water, 0.8 mL/min, 245 and 270 nm. NMR (Conforms)
Formulierung	Pale yellow solid
CAS Nummer	[1439399-58-2]
Formel	C ₂₆ H ₂₄ F ₃ N ₇ O ₃ S
Anwendungsbeschreibung	<p>CB-839 is a potent (IC₅₀ = 24 nM), selective and orally bioavailable inhibitor of glutaminase (KGA and GAC).¹ CB-839 displayed an antiproliferative effect in the triple-negative breast cancer cell line, HCC-1806, but no activity in the estrogen receptor-positive cell line T47D. CB-839 was able to cause proliferation arrest and apoptosis in acute myeloid leukemia cells without causing cytotoxicity against normal human CD34(+) progenitors.² Aspartate-glutamate carrier 1 (AGC1) inhibition can synergize with CB-839 to limit tumor growth.³</p>