

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

Product Datasheet

MS102 FBM-10-4937

Artikelname	MS102
Artikelnummer	FBM-10-4937
Hersteller Artikelnummer	10-4937
Alternativnummer	FBM-10-4937-5MG,FBM-10-4937-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	USP2 inhibitor...
Molekulargewicht	596.44
Reinheit	>98% by HPLC NMR (conforms)
Formulierung	White solid
Formel	C ₂₄ H ₁₇ BrF ₃ N ₃ O ₃ S ₂
Anwendungsbeschreibung	MS102 is an orally bioavailable derivative (IC ₅₀ = 5.46 μM) of the USP2 inhibitor ML364. ¹ It displayed improved USP2 inhibition efficacy and improved antiviral activity (SARS-CoV-2 HepG2 and Calu-3 cells) compared to ML364. Antiviral activity of MS102 is via inhibition of the deubiquitinase activity of USP2 on ACE2 resulting in reduction of ACE2 levels. MS102 significantly reduces V-domain Ig suppressor of T cell activation (VISTA) protein abundance in syngeneic mouse tumor models to enhance T cell response and synergizes with anti-PD-1 immunotherapy. ²