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Product Datasheet

JQ1 (+), CAS [[1268524-70-4]] FBM-10-1584

Artikelname	JQ1 (+), CAS [[1268524-70-4]]
Artikelnummer	FBM-10-1584
Hersteller Artikelnummer	10-1584
Alternativnummer	FBM-10-1584-5MG,FBM-10-1584-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	BET Bromodomain inhibitor...
Molekulargewicht	456.99
Reinheit	98% by HPLC NMR conforms
Formulierung	White solid
CAS Nummer	[1268524-70-4]
Formel	C23H25CIN4O2S

Anwendungsbeschreibung	Potent BET bromodomain inhibitor and is the active isomer. IC₅₀ = 17.7, 32.6, 76.9 and 12942 nM respectively for BRD2 (N-terminal (N)), BRD4 (C-terminal (C)), BRD4 (N) and CREBBP respectively (data for + isomer).¹ Competitive binding by JQ1 displaces the BRD4 fusion oncoprotein from chromatin, prompting squamous differentiation and specific antiproliferative effects in BRD4-dependent cell lines and patient-derived xenograft models.¹ Induces squamous differentiation in NMC cell lines and inhibits tumor growth in NMC xenografts.² Displays reversible contraceptive effects in male mice.³ Blocks inflammation and bone loss in periodontitis.⁴ Reverses CAR T cell extinction.⁵
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