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Product Datasheet

JQ1 (+) **FBM-10-1584**

Artikelname	JQ1 (+)
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	C ₂₃ H ₂₅ CIN ₄ O ₂ S

Anwendungsbeschreibung	<p>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</p>
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