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## Product Datasheet

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

Article Name	JQ1 (+), CAS [[1268524-70-4]]
Biozol Catalog Number	FBM-10-1584
Supplier Catalog Number	10-1584
Alternative Catalog Number	FBM-10-1584-5MG, FBM-10-1584-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	BET Bromodomain inhibitor...
Molecular Weight	456.99
Purity	98% by HPLC NMR conforms
Form	White solid
CAS Number	[1268524-70-4]
Formula	C23H25ClN4O2S
Application Notes	<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>