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## Product Datasheet

### JQ1 (+/-), CAS [[1268524-69-1]] FBM-10-1361

Article Name	JQ1 (+/-), CAS [[1268524-69-1]]
Biozol Catalog Number	FBM-10-1361
Supplier Catalog Number	10-1361
Alternative Catalog Number	FBM-10-1361-5MG,FBM-10-1361-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Bromodomain inhibitor...
Molecular Weight	457.00
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[1268524-69-1]
Formula	C23H25CIN4O2S
Application Notes	JQ1 is a potent BET bromodomain inhibitor. 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. 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 establishing proof-of-concept for targeting protein-protein interactions of epigenetic readers <sup>1</sup> .