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## Product Datasheet

### **CPI203, CAS [[1446144-04-2]] FBM-10-4048**

Article Name	CPI203, CAS [[1446144-04-2]]
Biozol Catalog Number	FBM-10-4048
Supplier Catalog Number	10-4048
Alternative Catalog Number	FBM-10-4048-5MG, FBM-10-4048-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	BET bromodomain inhibitor...
Molecular Weight	399.90
Purity	98% by HPLC NMR (Conforms)
Form	White to off-white solid
CAS Number	[1446144-04-2]
Formula	C19H18CIN5OS
Application Notes	CPI203, a JQ1 analog, is a potent and selective inhibitor of the BET bromodomain BRD4 (IC50 = 26 nM). <sup>1</sup> It helps promote the maintenance of hematopoietic stem cells via repression of Myc expression. <sup>2</sup> CPI203 reversibly suppressed intestinal stem cell differentiation in a mouse model. <sup>3</sup> It enhanced the expansion of human cord blood hematopoietic stem cells without losing cell viability. <sup>4</sup> CPI203 displays synergistic antitumor activity with various agents including lenalidomide <sup>5</sup> , bortezomib <sup>6</sup> , and PARP inhibitors <sup>7</sup> .