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## Product Datasheet

### A-196, CAS [[1982372-88-2]]

### FBM-10-4018

Article Name	A-196, CAS [[1982372-88-2]]
Biozol Catalog Number	FBM-10-4018
Supplier Catalog Number	10-4018
Alternative Catalog Number	FBM-10-4018-5MG, FBM-10-4018-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	SUV420H1/H2 lysine methyltransferase inhibitor...
Molecular Weight	359.25
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[1982372-88-2]
Formula	C18H16Cl2N4
Application Notes	A-196 (1982372-88-2) is a potent and selective (over 29 other methyltransferases) inhibitor of the protein lysine methyltransferases SUV420H1 (IC50 = 25 nM) and SUV420H2 (IC50 = 144 nM). It substantially inhibited non-homologous end-joining (NHEJ)-directed DNA repair but not homology-directed repair(HDR) in cells treated with ionizing radiation. A-196 is active in cells and displayed no toxicity in several cell lines.