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## Product Datasheet

### DRB, CAS [[53-85-0]]

### FBM-10-2047

Article Name	DRB, CAS [[53-85-0]]
Biozol Catalog Number	FBM-10-2047
Supplier Catalog Number	10-2047
Alternative Catalog Number	FBM-10-2047-10MG, FBM-10-2047-50MG, FBM-10-2047-10MM/1MLDMSO
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Transcription inhibitor, CK2 inhibitor...
Molecular Weight	319.14
Purity	98% by HPLC NMR (conforms)
Form	White solid
CAS Number	[53-85-0]
Formula	C12H12Cl2N2O4
Application Notes	A classic inhibitor of transcription by RNA polymerase II. A relatively selective inhibitor of Cdk9 (IC50=3 µM), the kinase of the positive transcription elongation factor b (P-TEF-b) required for processive transcription elongation by RNA polymerase II.1,2 Also inhibits casein kinase II, IC50=4-10 µM. 3 Suppresses the SIRT1/CK2alpha pathway and enhances the radiosensitivity of human cancer cells.4 Kinase-independent activities of Cdk9 such as glucocorticoid receptor modulation are not inhibited by DRB.5