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Product Datasheet

AZD7648, CAS [[2230820-11-6]]

FBM-10-4108

Article Name	AZD7648, CAS [[2230820-11-6]]
Biozol Catalog Number	FBM-10-4108
Supplier Catalog Number	10-4108
Alternative Catalog Number	FBM-10-4108-5MG, FBM-10-4108-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	DNA-PK inhibitor/CRISPR enhancer...
Molecular Weight	380.41
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[2230820-11-6]
Formula	C18H20N8O2
Application Notes	AZD7648 is a very potent and selective (against 397 kinases) DNA-PK inhibitor (pIC50 = 9.2, cellular pIC50 = 7.0). ¹ It is a sensitizer of radiation- and doxorubicin-induced DNA damage and sustained tumor regression in xenograft and patient-derived xenograft models. ² AZD7648 significantly enhances precise CRISPR/Cas9 gene editing alone ^{3,4,5} or in combined treatment with a DNA polymerase theta inhibitor (2iHDR cocktail) ⁵ .