

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

NU7441, CAS [[503468-95-9]] FBM-10-4810

Article Name	NU7441, CAS [[503468-95-9]]
Biozol Catalog Number	FBM-10-4810
Supplier Catalog Number	10-4810
Alternative Catalog Number	FBM-10-4810-5MG,FBM-10-4810-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	DNA-PK inhibitor...
Molecular Weight	413.49
Purity	98% by TLC NMR (Conforms)
Form	Off-white to beige solid
CAS Number	[503468-95-9]
Formula	C ₂₅ H ₁₉ N ₃ O ₃ S
Application Notes	NU7441 is a potent (IC ₅₀ = 13 nM) and selective ATP-competitive inhibitor of DNA-dependent protein kinase (DNA-PK). ^{1,2} It increased the toxicity of ionizing radiation and etoposide on SW620 human colon cancer lines via impeding of DNA double-strand break