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Product Datasheet

PolQi2, CAS [[2565638-16-4]] BYT-ORB2283464

Article Name	PolQi2, CAS [[2565638-16-4]]
Biozol Catalog Number	BYT-ORB2283464
Supplier Catalog Number	orb2283464
Alternative Catalog Number	BYT-ORB2283464-1, BYT-ORB2283464-1, BYT-ORB2283464-10, BYT-ORB2283464-100, BYT-ORB2283464-25, BYT-ORB2283464-5, BYT-ORB2283464-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	PolQi2 is a small molecule inhibitor of DNA polymerase theta (Poltheta) that specifically suppresses its helicase activity. When combined with the DNA-PK inhibitor AZD7648, it enhances homology-directed repair (HDR) efficiency and improves the accuracy...
Molecular Weight	453.9
Purity	99.19% (May vary between batches)
CAS Number	[2565638-16-4]
Formula	C21H16ClN5O3S
Target	DNA/RNA Synthesis
Application Notes	Solubility: DMSO:155 mg/mL (341.48 mM),10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (7.27 mM)