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Product Datasheet

RS-1, CAS [[312756-74-4]] BYT-ORB1685531

Article Name	RS-1, CAS [[312756-74-4]]
Biozol Catalog Number	BYT-ORB1685531
Supplier Catalog Number	orb1685531
Alternative Catalog Number	BYT-ORB1685531-1, BYT-ORB1685531-10, BYT-ORB1685531-100, BYT-ORB1685531-2, BYT-ORB1685531-200, BYT-ORB1685531-25, BYT-ORB1685531-5, BYT-ORB1685531-50
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	RS-1 is a small molecule activator of the RAD51 recombinase, enhancing its DNA strand invasion activity. This property significantly improves the efficiency of CRISPR/Cas9-mediated homology-directed repair (HDR) for precise gene knock-in applications...
Molecular Weight	524.23
Purity	99.72% (May vary between batches)
CAS Number	[312756-74-4]
Formula	C20H16Br2N2O3S
Target	CRISPR/Cas9,DNA/RNA Synthesis
Application Notes	Solubility: 10% DMSO+40% PEG300+5% Tween 80+45% Saline:2.5 mg/mL (4.77 mM),DMSO:90 mg/mL (171.68 mM)