

Product Datasheet

Antitumor agent-81 (orb1744829)

Catalog Number	orb1744829
Category	Small Molecules
Description	Antitumor agent-81 is a small molecule agonist that enhances the P62-RNF168 interaction, thereby inhibiting RNF168-mediated H2A ubiquitination and homologous recombination DNA repair. It demonstrates potent, dose-dependent suppression of tumor growth in mouse xenograft models, making it a valuable research tool for studying DNA damage response and cancer therapeutics.
Target	Others,E1/E2/E3 Enzyme,p62,Apoptosis
MW	393.4
CAS Number	2765180-17-2
Formula	C ₁₉ H ₁₉ N ₇ O ₃
SMILES	O(C)C=1C=C(N2C=C(N=N2)C3=CC4=C(C=C3)N=C(N)N=C4N)C=C(OC)C1OC
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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