

Product Datasheet

STAT3/HDAC-IN-2 (orb2665286)

Description	STAT3/HDAC-IN-2 (compound 18), a dual inhibitor of STAT3 and HDAC, promotes autophagy and apoptosis. This compound features an amphiphilic hydroxamic acid hybrid structure, derived from the natural product isopropanol lactone (IAL), and functions as a nanoscale anticancer agent. It has the ability to self-assemble into nanoparticles in aqueous environments, leading to enhanced tumor tissue accumulation, increased cellular uptake, and improved anticancer efficacy compared to its free state.
Storage	-20°C
Note	For research use only
Formula	$C_{28}H_{32}N_2O_7$
Purity	98.00%
MW	508.56
Expiration Date	12 months from date of receipt.

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