

Product Datasheet

AP21998 (orb3175008)

Catalog Number	orb3175008
Category	Small Molecules
Description	AP21998 is a selective ligand for the Fm (mutant FKBP) domain that binds to a single FKBPv. It disrupts FKBP-mediated oligomerization, inhibits the proliferation of transformed myeloid progenitors, and promotes their terminal myeloid differentiation. AP21998 destabilizes aggregates of CAD-hM1 receptor fusion proteins, allowing receptors to exit the endoplasmic reticulum and reach the plasma membrane. AP21998 is applicable in cancer research.
Target	FKBP
MW	777.96
CAS Number	292606-90-7
Formula	C ₄₃ H ₅₉ N ₃ O ₁₀
SMILES	<chem>[C@H](C(=O)N1[C@H](C(O[C@H](CCC2=CC(OC)=C(OC)C=C2)C3=CC(OCC(NCCC N(C)C)=O)=CC=C3)=O)CCCC1)(CC)C4=CC(OC)=C(OC)C(OC)=C4</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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