

Product Datasheet

CALP1 TFA (orb1981660)

Catalog Number	orb1981660
Category	Proteins
Description	CALP1 TFA is a calmodulin (CaM) agonist ($K_d = 88 \mu\text{M}$) that binds EF-hand sites to inhibit calcium channels and apoptosis ($\text{IC}_{50} = 44.78 \mu\text{M}$). It modulates glutamate receptors, blocks store-operated cation channels, and enhances CaM-dependent phosphodiesterase activity, making it a versatile tool for studying calcium signaling in cellular models.
Target	Apoptosis,PDE,CaMK,GluR
MW	956.1
Formula	$\text{C}_{42}\text{H}_{76}\text{F}_3\text{N}_9\text{O}_{12}$
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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