

Product Datasheet

BODIPY FL Thapsigargin (orb1982059)

Catalog Number	orb1982059
Category	Tools
Description	BODIPY FL Thapsigargin is a green-fluorescent probe that potently and selectively inhibits SERCA calcium pumps in the endoplasmic reticulum. It is widely used in live-cell imaging and biochemical assays to study calcium signaling dynamics, endoplasmic reticulum stress, and thapsigargin-binding site localization in both in vitro and in vivo research models.
Target	Others,Calcium Channel
MW	876.36
CAS Number	216571-99-2
Formula	$C_{44}H_{57}B_3F_2N_2O_{12}^-$
SMILES	<chem>CC1=C2C(C(OC(CCCCCC)=O)C1OC(C(=CC)C)=O)C(OC(C)=O)(C)CC(OC(CCC=3[N-]4C(=CC3)C=C5[N]([B+3]4([F-])[F-])=C(C)C=C5C)=O)C6(O)C2OC(=O)C6(C)O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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