

Product Datasheet

CAY10448 (orb1692691)

Catalog Number	orb1692691
Category	Small Molecules
Description	Capsaicin, the lipophilic compound responsible for the pungency of chili peppers, activates the TRPV1 (VR1) ion channel. CAY10448 is a potent iodinated nonivamide derivative that antagonizes this receptor with an IC50 of ~10 nM. This antagonist is widely used in vitro and in vivo to study TRPV1-mediated pain, neurogenic inflammation, and thermoregulation.
Target	Others
MW	433.32
CAS Number	1177195-52-6
Formula	C ₁₈ H ₂₈ INO ₃
SMILES	<chem>C(NC(CCCCCC(C)C)=O)C1=CC(OC)=C(O)C=C1I</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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