

Product Datasheet

M1145 TFA (orb1981633)

Catalog Number	orb1981633
Category	Small Molecules
Description	M1145 TFA, a chimeric peptide, acts as a selective agonist for the galanin receptor type 2 (GAL2), demonstrating a binding affinity (K_i) of 6.55 nM. It exhibits significantly greater selectivity for GAL2, with over 90-fold and 76-fold higher affinity compared to GAL1 (K_i = 587 nM) and GalR3 (K_i = 497 nM), respectively. Additionally, M1145 TFA enhances galanin signal transduction mechanisms.
Target	Neuropeptide Y Receptor
MW	2888.25
Formula	$C_{130}H_{206}F_3N_{37}O_{34}$
Storage	-20°C
Note	For research use only

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