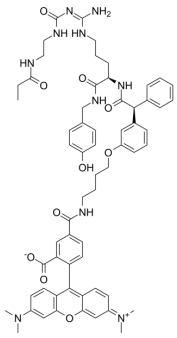
Neuropeptide Y Y1 receptor antagonist 1

Cat. No.:	HY-144603
CAS No.:	2773476-40-5
Molecular Formula:	$C_{62}H_{70}N_{10}O_{10}$
Molecular Weight:	1115.28
Target:	Neuropeptide Y Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Neuropeptide Y Y1 receptor antagonist 1 (compound 39), a fluorescent probe, is a potent antagonist of neuropeptide Y Y^1 receptor (Y^1R), with a K_i of 0.19 nM[1].
IC_{50} & Target	NPY Y_1 receptor .19 nM (Ki)

REFERENCES

[1]. Müller C, et, al. Structure-Based Design of High-Affinity Fluorescent Probes for the Neuropeptide Y Y 1 Receptor. J Med Chem. 2022 Mar 24;65(6):4832-4853.

Caution: Product has not been fully validated for medical applications. For research use only.

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