

Product Datasheet

Orforglipron hemicalcium hydrate (orb2565613)

Catalog Number	orb2565613
Category	Small Molecules
Description	Orforglipron hemicalcium hydrate (LY3502970) is an orally active GLP-1 receptor agonist formulated as a calcium salt. This small molecule is used in research for type 2 diabetes, with studies demonstrating its efficacy in both in vitro receptor activation and in vivo glycemic control models.
Target	Glucagon Receptor
MW	921.02
CAS Number	3008544-96-2
Formula	$C_{48}H_{48}F_2N_{10}O_5 \cdot 1/2Ca \cdot H_2O$
SMILES	<chem>C[C@@H]1[C@](N2C3=CC=C([C@@H]4CC(C)(OCC4)C)C=C3C=C2C(N5[C@H](C6=C(N7C(N(C8=CC=C(N(N=C9)C)C9=C8F)C=C7)=O)N(C%10=CC(C)=C(C(C)=C%10)F)N=C6CC5)C)=O)(C([N-]%11)=NOC%11=O)C1.C[C@@H]%12[C@](N%13C%14=CC=C([C@@H]%15CC(C)(OCC%15)C)C=C%14C=C%13C(N%16[C@H](C%17=C(N%18C(N(C%19=CC=C(N(N=C%20)C)C%20=C%19F)C=C%18)=O)N(C%21=CC(C)=C(C(C)=C%21)F)N=C%17CC%16)C)=O)(C([N-]%22)=NOC%22=O)C%12.[Ca+2].O.O.O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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