

Product Datasheet

ALG-055009 (orb2665105)

Catalog Number	orb2665105
Category	Small Molecules
Description	ALG-055009 is a potent THR-β agonist (EC50 = 0.063 μM) investigated for metabolic diseases. It reduces total cholesterol in diet-induced obese rats and is a research tool for studying non-alcoholic fatty liver disease (NAFLD) and metabolic dysfunction-associated steatotic liver disease (MASLD).
Target	Thyroid hormone receptor(THR)
MW	425.23
CAS Number	2542029-03-6
Formula	C ₁₆ H ₁₄ Cl ₂ N ₆ O ₄
SMILES	<chem>O=C1NC(=O)N(N=C1N)C2=CC(CI)=C(OC3=NNC(=O)C(=C3)C(C)C)C(CI)=C2</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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