



Product Information

Lipase inhibitor, KT182, Purity ≥98%

Cat. No.: X24-09-YM405

Size: 5 mg; 10 mg; 20 mg; 50 mg

CAS Number: 1402612-62-7

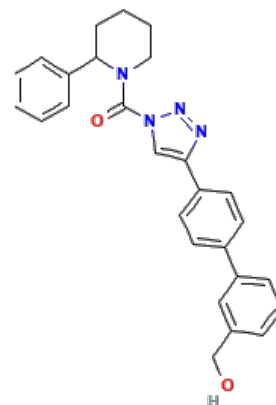
Compound CID: 53364491

Synonym: 1402612-62-7; KT 182; KT-182;

[4-[4-[3-(Hydroxymethyl)phenyl]phenyl]phenyl]triazol-1-yl)-(2-phenylpiperidin-1-yl)methanone;

Lipase inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	KT182 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting lipase. The molecular weight of the compound is 438.52, and its molecular formula is C ₂₇ H ₂₆ N ₄ O ₂ .
Molecular Weight	438.52
Molecular Formula	C ₂₇ H ₂₆ N ₄ O ₂
IUPAC Name	[4-[4-[3-(Hydroxymethyl)phenyl]phenyl]phenyl]triazol-1-yl)-(2-phenylpiperidin-1-yl)methanone
InChI	InChI=1S/C27H26N4O2/c32-19-20-7-6-10-24(17-20)21-12-14-22(15-13-21)25-18-31(29-28-25)27(33)30-16-5-4-11-26(30)23-8-2-1-3-9-23/h1-3,6-10,12-15,17-18,26,32H,4-5,11,16,19H2
InChI Key	GICNKPZHUCVFNM-UHFFFAOYSA-N
Canonical SMILES	C1CCN(C(C1)C2=CC=CC=C2)C(=O)N3C=C(N=N3)C4=CC=C(C=C4)C5=CC=CC(=C5)CO
Isomeric SMILES	C1C[C@H](C2=C(C1)C(=CC=C2)OCC3=CC=CC=C3)NC(=O)C4=C(C(=O)NC(=O)N4)N
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	KT182 plays a key role in modulating endocannabinoid signaling, though specific targets are not well-characterized.
Storage	Store at -20°C, and keep desiccated.



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