



Product Information

Lipase inhibitor, JJKK 048, Purity ≥98%

Cat. No.: X24-09-YM407

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1515855-97-6

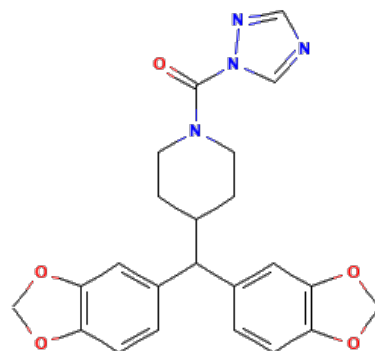
Compound CID: 76313567

Synonym: 1515855-97-6; JJKK048; JJKK-048;

[4-[Bis(1,3-benzodioxol-5-yl)methyl]piperidin-1-yl]-(1,2,4-triazol-1-yl)methanone;

Lipase inhibitor

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



Product Information

Description	JJKK 048 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 434.44, and its molecular formula is C ₂₃ H ₂₂ N ₄ O ₅ .
Molecular Weight	434.44
Molecular Formula	C ₂₃ H ₂₂ N ₄ O ₅
IUPAC Name	[4-[Bis(1,3-benzodioxol-5-yl)methyl]piperidin-1-yl]-(1,2,4-triazol-1-yl)methanone
InChI	InChI=1S/C23H22N4O5/c28-23(27-12-24-11-25-27)26-7-5-15(6-8-26)22(16-1-3-18-20(9-16)31-13-29-18)17-2-4-19-21(10-17)32-14-30-19/h1-4,9-12,15,22H,5-8,13-14H2
InChI Key	CLSNATLUIXZPMV-UHFFFAOYSA-N
Canonical SMILES	C1CN(CCC1C(C2=CC3=C(C=C2)OCO3)C4=CC5=C(C=C4)OCO5)C(=O)N6C=NC=N6
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	JJKK 048 displays the significant potential to act as an effective selective inhibitor of Monoacylglycerol lipase (MAGL).
Storage	Store at -20°C, and keep desiccated.