



Product Information

CCR agonist LMD-009, Purity ≥98%

Cat. No.: X23-10-ZQ679

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

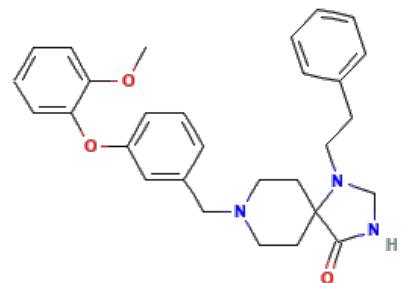
CAS Number: 950195-51-4

Compound CID: 91032188

Synonym: LMD-009; 950195-51-4; AKOS040733608; MS-28727; HY-121885;

CS-0083604; CCR agonist

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



Product Information

Description	LMD-009 stimulates CCR receptors. The receptors bind to chemokines, which are signaling proteins that direct the migration of immune cells to sites of inflammation, infection, or injury.
Molecular Weight	471.59
Molecular Formula	C ₂₉ H ₃₃ N ₃ O ₃
IUPAC Name	8-[[3-(2-Methoxyphenoxy)phenyl]methyl]-1-(2-phenylethyl)-1,3,8-triazaspiro[4.5]decan-4-one
InChI	InChI=1S/C29H33N3O3/c1-34-26-12-5-6-13-27(26)35-25-11-7-10-24(20-25)21-31-18-15-29(16-19-31)28(33)30-22-32(29)17-14-23-8-3-2-4-9-23/h2-13,20H,14-19,21-22H2,1H3,(H,30,33)
InChI Key	MRXASGVUQJVWMP-UHFFFAOYSA-N
Canonical SMILES	COC1=CC=CC=C1OC2=CC=CC(=C2)CN3CCC4(CC3)C(=O)NCN4CCC5=CC=CC=C5
Form	Lyophilized powder
Purity	≥98%
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	LMD-009 can be studied for its role as an anti-inflammatory agent by modulating various pathways, potentially including leukotriene biosynthesis.
Storage	Store at -20°C.