



Product Information

CCR inhibitor R243, Purity ≥98%

Cat. No.: X24-07-ZQ177

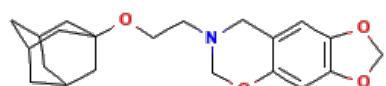
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 688352-84-3

Compound CID: 2962888

Synonym: 688352-84-3; CCR inhibitor

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



Product Information

Description	R243 specifically binds to chemokine receptors. This binding blocks the receptors and prevents the corresponding chemokines from exerting their effects on immune cells, leading to reduced chemotaxis and cell activation.
Molecular Weight	357.45
Molecular Formula	C ₂₁ H ₂₇ NO ₄
IUPAC Name	7-[2-(1-Adamantoxy)ethyl]-6,8-dihydro-[1,3]dioxolo[4,5-g][1,3]benzoxazine
InChI	InChI=1S/C21H27NO4/c1(2-26-21-8-14-3-15(9-21)5-16(4-14)10-21)22-11-17-6-19-20(25-13-24-19)7-18(17)23-12-22/h6-7,14-16H,1-5,8-13H2
InChI Key	JJMLDSFDOODCIR-UHFFFAOYSA-N
Canonical SMILES	C1C2CC3CC1CC(C2)(C3)OCCN4CC5=CC6=C(C=C5OC4)OCO6
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.
Quality Level	Research grade
Applications	R243 is used to study chemokine receptor interactions and block CCR receptor activity, impacting immune response modulation.
Storage	Store at -20°C, and keep desiccated.