

Product Information

TRPV inhibitor MRS1477, Purity ≥98%

Cat. No.: X24-07-ZQ464

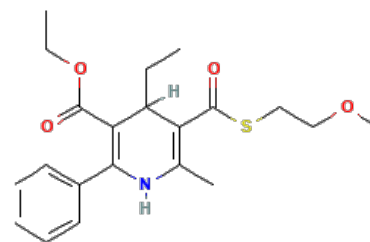
Size: 2 mg; 5 mg; 10 mg; 25 mg

CAS Number: 212200-21-0

Compound CID: 9843337

Synonym: 212200-21-0; TRPV inhibitor

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



Product Information

Description	MRS1477 blocks the activity of transient receptor potential vanilloid channels, often used to study pain mechanisms.
Molecular Weight	389.51
Molecular Formula	C ₂₁ H ₂₇ NO ₄ S
IUPAC Name	Ethyl 4-ethyl-5-(2-methoxyethylsulfanylcarbonyl)-6-methyl-2-phenyl-1,4-dihydropyridine-3-carboxylate
InChI	InChI=1S/C21H27NO4S/c1-5-16-17(21(24)27-13-12-25-4)14(3)22-19(15-10-8-7-9-11-15)18(16)20(23)26-6-2/h7-11,16,22H,5-6,12-13H2,1-4H3
InChI Key	DMVMFYWYJCPZGS-UHFFFAOYSA-N
Canonical SMILES	CCC1C(=C(NC(=C1C(=O)OCC)C2=CC=CC=C2)C(=O)SCCOC
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	MRS1477 is a TRPV inhibitor utilized for research into its physiological roles in sensory perception and temperature regulation.
Storage	Store at -20°C, and keep desiccated.