



Product Information

(1*R*,2*S*)-VU0155041

Cat. No.: X23-12-YM1419

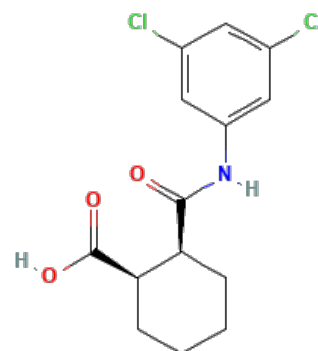
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1263273-14-8

Compound CID: 888023

Synonym: 1263273-14-8; VU 0155041; VU-0155041

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



Product Information

Description	(1 <i>R</i> ,2 <i>S</i>)-VU0155041 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets mGluR4.
Molecular Weight	316.18
Molecular Formula	C ₁₄ H ₁₅ Cl ₂ NO ₃
Targets	mGluR4
IUPAC Name	(1 <i>R</i> ,2 <i>S</i>)-2-[(3,5-Dichlorophenyl)carbamoyl]cyclohexane-1-carboxylic acid
InChI	InChI=1S/C14H15Cl2NO3/c15-8-5-9(16)7-10(6-8)17-13(18)11-3-1-2-4-12(11)14(19)20/h5-7,11-12H,1-4H2,(H,17,18)(H,19,20)/t11-,12+/m0/s1
InChI Key	VSMUYFJVFSVCA-NWDGAFQWSA-N
Canonical SMILES	C1CCC(C(C1)C(=O)NC2=CC(=CC(=C2)Cl)Cl)C(=O)O
Isomeric SMILES	C1CC[C@H]([C@H](C1)C(=O)NC2=CC(=CC(=C2)Cl)Cl)C(=O)O
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	(1 <i>R</i> ,2 <i>S</i>)-VU0155041 can be used for its neuroprotective effects.
Storage	Store at -20°C, and keep desiccated.