



Product Information

TRP channel inhibitor D-3263, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ620

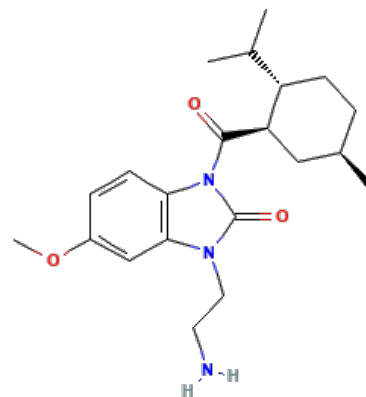
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 947257-66-1

Compound CID: 44137358

Synonym: 947257-66-1; TRP channel inhibitor; D3263; D 3263

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



Product Information

Description	D-3263 modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	373.49
Molecular Formula	C ₂₁ H ₃₁ N ₃ O ₃
IUPAC Name	3-(2-Aminoethyl)-5-methoxy-1-[(1R,2S,5R)-5-methyl-2-propan-2-ylcyclohexanecarbonyl]benzimidazol-2-one
InChI	InChI=1S/C21H31N3O3/c1-13(2)16-7-5-14(3)11-17(16)20(25)24-18-8-6-15(27-4)12-19(18)23(10-9-22)21(24)26/h6,8,12-14,16-17H,5,7,9-11,22H2,1-4H3/t14-,16+,17-/m1/s1
InChI Key	ZGTYTFYRCIRWBL-HYVNUMGLSA-N
Canonical SMILES	CC1CCC(C(C1)C(=O)N2C3=C(C=C(C=C3)OC)N(C2=O)CCN)C(C)C
Isomeric SMILES	C[C@@H]1CC[C@H]([C@@H](C1)C(=O)N2C3=C(C=C(C=C3)OC)N(C2=O)CCN)C(C)C
Form	Lyophilized powder
Purity	$\geq 98\%$
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	D-3263, a TRP channel inhibitor, is used in studies focused on mechanosensation and pain-related pathways.
Storage	Store at -20°C, and keep desiccated.



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