



Product Information

TRPA1 antagonist 1, Purity ≥98%

Cat. No.: X24-07-ZQ582

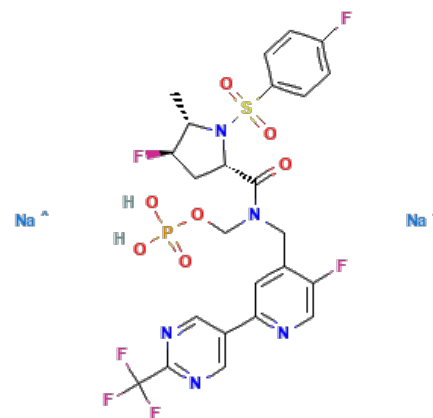
Size: 1 mg; 5 mg; 10 mg; 25 mg

CAS Number: 1984825-08-2

Compound CID: 168012207

Synonym: 1984825-08-2; TRPA1 antagonist

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



Product Information

Description	TRPA1 antagonist 1 modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	713.45
Molecular Formula	C ₂₄ H ₂₀ F ₆ N ₅ Na ₂ O ₇ PS
InChI	InChI=1S/C24H22F6N5O7PS.2Na/c1-13-18(26)7-21(35(13)44(40,41)17-4-2-16(25)3-5-17)22(36)34(12-42-43(37,38)39)11-14-6-20(31-10-19(14)27)15-8-32-23(33-9-15)24(28,29)30;/h2-6,8-10,13,18,21H,7,11-12H2,1H3,(H2,37,38,39);;/t13-,18+,21-;;/m0../s1
InChI Key	NYXRQEACCSRRHX-IFUMFIRSSA-N
Canonical SMILES	CC1C(CC(N1S(=O)(=O)C2=CC=C(C=C2)F)C(=O)N(CC3=CC(=NC=C3)F)C4=CN=C(N=C4)C(F)(F)F)COP(=O)(O)O)F.[Na].[Na]
Isomeric SMILES	C[C@H]1[C@@H](C[C@H](N1S(=O)(=O)C2=CC=C(C=C2)F)C(=O)N(CC3=CC(=NC=C3)F)C4=CN=C(N=C4)C(F)(F)F)COP(=O)(O)O)F.[Na].[Na]
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	TRPA1 antagonist 1 is utilized to investigate its inhibitory effects on TRPA1 channels, part of the sensory perception of pain and cold.
Storage	Store at -20°C, and keep desiccated.



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