

Product Information

Tecadenoson

Cat. No.: X23-12-YM758

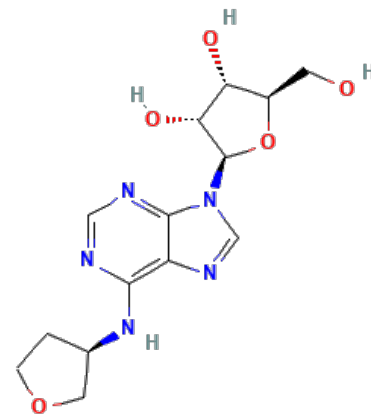
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 204512-90-3

Compound CID: 158795

Synonym: 204512-90-3; CVT-510; CVT 510; CVT510

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



Product Information

Description	Tecadenoson inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	337.33
Molecular Formula	C ₁₄ H ₁₉ N ₅ O ₅
IUPAC Name	(2 <i>R</i> ,3 <i>S</i> ,4 <i>R</i> ,5 <i>R</i>)-2-(Hydroxymethyl)-5-[6-[[<i>(3R)</i> -oxolan-3-yl]amino]purin-9-yl]oxolane-3,4-diol
InChI	InChI=1S/C14H19N5O5/c20-3-8-10(21)11(22)14(24-8)19-6-17-9-12(15-5-16-13(9)19)18-7-1-2-23-4-7/h5-8,10-11,14,20-22H,1-4H2,(H,15,16,18)/t7-,8-,10-,11-,14-/m1/s1
InChI Key	OESBDSFYJMDRJY-BAYCTPFLSA-N
Canonical SMILES	C1COCC1NC2=C3C(=NC=N2)N(C=N3)C4C(C(C(O4)CO)O)O
Isomeric SMILES	C1COC[C@@H]1NC2=C3C(=NC=N2)N(C=N3)[C@H]4[C@@H]([C@@H]([C@H](O4)CO)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	Tecadenoson can be studied for its effect on slowing down the heart rate and reducing the conduction of electrical impulses in the heart.
Storage	Store at -20°C, and keep desiccated.