

Product Name	: CGS 21680
Synonyms	: CGS-21680; CGS21680
Cat No.	: M10730
CAS Number	: 120225-54-9
Molecular Formula	: C ₂₃ H ₂₉ N ₇ O ₆
Formula Weight	: 499.52
Chemical Name	: Benzenepropanoic acid, 4-[2-[[6-amino-9-(N-ethyl-beta-D-ribofuranuronamidosyl)-9H-purin-2-yl]amino]ethyl]-
Description	: CGS 21680 is a specific adenosine A _{2A} subtype receptor agonist with K _i of 27 nM; significantly upregulates CD39 and CD73 expression, accelerates the ATP hydrolysis and adenosine generation; reduces the number of infiltrated granulocytes into the ischemic tissue in rat model of transient cerebral ischemia. Hypertension Discontinued
Pathway	: Apoptosis
Target	: Adenosine Receptor
Receptor	: Adenosine Receptor
Solubility	: 10 mM in DMSO
SMILES	: CCNC(=O)C1C(C(C(O1)N2C=NC3=C(N=C(N=C32)NCCC4=CC=C(C=C4)CCC(=O)O)N)O)O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Nekooeian AA, et al. Br J Pharmacol. 1998 Apr;123(8):1666-72. 2. Phillis JW, et al. Brain Res. 1990 Feb 19;509(2):328-30. 3. Komaki S, et al. Neurosci Lett. 2012 Jul 26;522(1):21-4. 4. Melani A, et al. Brain Res. 2014 Mar 10;1551:59-72.