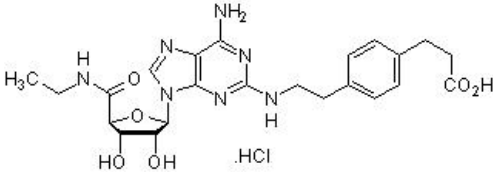


Product datasheet

CGS 21680, A_{2A} agonist ab120453

[6 References](#) [1 Image](#)

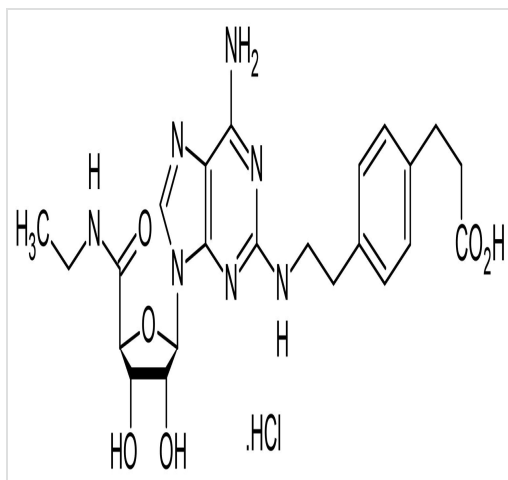
Overview

Product name	CGS 21680, A _{2A} agonist
Description	Potent, selective A _{2A} agonist
Biological description	Potent, selective A _{2A} agonist (K _i = 23 nM). Hypotensive <i>in vivo</i> . Also delays motor performance deterioration and prevents reduction of brain weight in Huntington's disease model.
Purity	> 96%
CAS Number	124431-80-7
Chemical structure	

Properties

Chemical name	2- <i>p</i> -(2-Carboxyethyl)phenethylamino-5'- <i>N</i> -ethylcarboxamidoadenosine hydrochloride
Molecular weight	535.99
Molecular formula	C ₂₃ H ₂₉ N ₇ O ₆ ·HCl
PubChem identifier	44134621
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	Cl.O=C(O)CCc1ccc(cc1)CCNc3nc(N)c4ncn(C2OC(C(O)C2O)C(=O)NCC)c4n3
Source	Synthetic

Images



Chemical Structure - CGS 21680, A_{2A} agonist
(ab120453)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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