

Product datasheet

HENECA α b120458

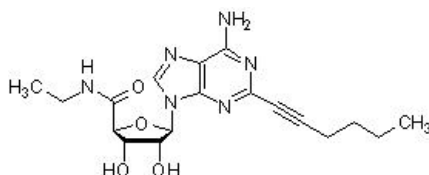
1 References

Overview

Product name	HENECA
Description	Selective A_{2A} receptor agonist
Biological description	Selective A_{2A} receptor agonist ($K_i = 2.2$ nM). Shows good selectivity for A_{2A} over A_1 receptors. Displays antiaggregatory activity. Increases cAMP accumulation ($EC_{50} = 43$ nM) and inhibits superoxide anion production ($EC_{50} = 3.63$ nM) in neutrophils.
Purity	> 99%

Properties

Chemical name	2-Hexynyladenosine-5'- <i>N</i> -ethylcarboxamide
Molecular weight	388.42
Chemical structure	



Molecular formula	$C_{18}H_{24}N_6O_4$
CAS Number	141018-30-6
PubChem identifier	4438292
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM and in ethanol to 50 mM (with heating)
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CCNC(=O)C3OC(n2cnc1c(N)nc(C#CCCCCC)nc12)C(O)C3O</chem>
Source	Synthetic

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