

# HENECA, A<sub>2A</sub> receptor agonist ab120458

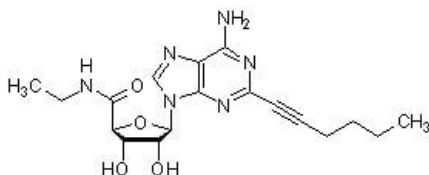
[1 References](#) [2 图像](#)

### 概述

产品名称	HENECA, A <sub>2A</sub> receptor激动剂
描述	Selective A <sub>2A</sub> receptor激动剂
生物学描述	Selective A <sub>2A</sub> receptor agonist ( $K_i = 2.2$ nM). Shows good selectivity for A <sub>2A</sub> over A <sub>1</sub> receptors. Displays antiaggregatory activity. Increases cAMP accumulation ( $EC_{50} = 43$ nM) and inhibits superoxide anion production ( $EC_{50} = 3.63$ nM) in neutrophils.

CAS编号 141018-30-6

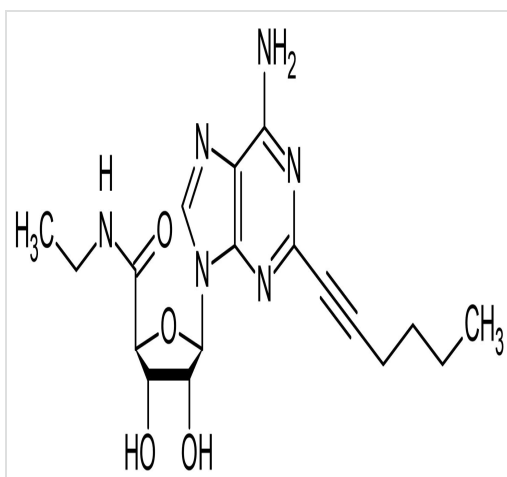
### 化学结构



### 性能

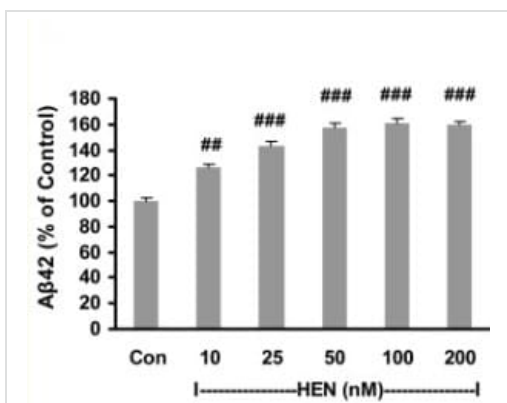
化学名称	2-Hexynyladenosine-5'-N-ethylcarboxamide
分子量	388.42
分子式	C <sub>18</sub> H <sub>24</sub> N <sub>6</sub> O <sub>4</sub>
PubChem识别号	4438292
存放说明	Store at +4°C. The product can be stored for up to 12 months.
溶解度概述	Soluble in DMSO to 100 mM and in ethanol to 50 mM (with heating)
处理	Wherever possible, 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 <a href="#">frequently asked questions (FAQ) page</a> for more details.
SMILES	CCNC(=O)C3OC(n2cnc1c(N)nc(C#CCCCC)nc12)C(O)C3O
来源	Synthetic

## 图片



Chemical Structure - HENECA, A<sub>2A</sub> receptor agonist  
(ab120458)

2D chemical structure image of ab120458, HENECA, A<sub>2A</sub> receptor agonist



Cellular activation - HENECA, A<sub>2A</sub> receptor agonist  
(ab120458)

Image from Nagpure B V, et al. Plos One, 9(2), e88508.  
Fig 1a.; doi: 10.1371/journal.pone.0088508

Concentration-dependent effect of HENECA (10-200 nM, 24 hours)  
on Aβ<sub>42</sub> production.

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

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