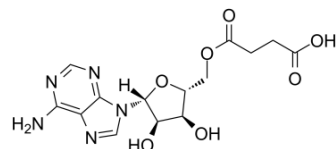


Adenosine 5'-succinate

Cat. No.:	HY-136352
CAS No.:	102029-71-0
Molecular Formula:	C ₁₄ H ₁₇ N ₅ O ₇
Molecular Weight:	367.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Adenosine 5'-succinate is a chemically AMP-related compound and potently inhibits Denatonium benzoate/taste receptor activation of transducin ^[1] .
In Vitro	Adenosine 5'-succinate (5.0 mM) potently inhibits denatonium benzoate (DEN)/taste receptor activation of transducin. Adenosine 5'-succinate may bind to bitter-responsive taste receptors to serve as naturally occurring taste modifier ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. D Ming, et al. Blocking Taste Receptor Activation of Gustducin Inhibits Gustatory Responses to Bitter Compounds. Proc Natl Acad Sci U S A. 1999 Aug 17;96(17):9903-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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