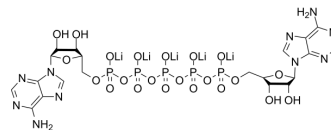


Diadenosine pentaphosphate pentalithium

Cat. No.:	HY-113273C
CAS No.:	94108-02-8
Molecular Formula:	C ₂₀ H ₂₄ Li ₅ N ₁₀ O ₂₂ P ₅
Molecular Weight:	946.03
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Diadenosine pentaphosphate pentalithium is an endogenous vasoactive purine dinucleotide which has been isolated from thrombocytes. Diadenosine polyphosphates (ApnA, n=2-7) have been identified as constituents of secretory vesicles such as in platelets, chromaffin cells, Torpedo synaptic terminals and brain synaptosomes ^{[1][2]} .
IC₅₀ & Target	Human Endogenous Metabolite

REFERENCES

- [1]. L Giraldez, et al. Adenosine triphosphate and diadenosine pentaphosphate induce [Ca(2+)](i) increase in rat basal ganglia aminergic terminals. J Neurosci Res. 2001 Apr 15;64(2):174-82.
- [2]. Jesús Pintor, et al. Presence of diadenosine polyphosphates in human tears. Pflugers Arch. 2002 Jan;443(3):432-6.

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

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