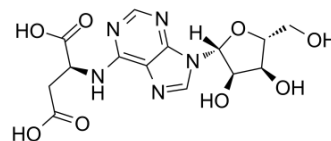


Succinyladenosine

Cat. No.:	HY-113284
CAS No.:	4542-23-8
Molecular Formula:	C ₁₄ H ₁₇ N ₅ O ₈
Molecular Weight:	383.31
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	Succinyladenosine, the metabolic product of dephosphorylation of intracellular adenylosuccinic acid (S-AMP) by cytosolic 5-nucleotidase, is a biochemical marker of adenylosuccinase (ASL) deficiency ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite
In Vitro	The presence of high concentrations of Succinyladenosine (S-Ado) in the human cerebrospinal fluid (CSF) in the range of 100–500 μmol/L is a diagnostic marker for inherited enzyme deficiency of ASL ^[1] .

REFERENCES

[1]. J Krijt, et al. Identification and Determination of Succinyladenosine in Human Cerebrospinal Fluid . J Chromatogr B Biomed Sci Appl. 1999 Apr 16;726(1-2):53-8.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA