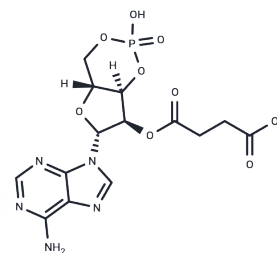


2'-O-Succinyl-cAMP

Chemical Properties

CAS No. :	36940-87-1
Formula:	C ₁₄ H ₁₆ N ₅ O ₉ P
Molecular Weight:	429.282
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2'-O-Monosuccinyladenosine-3',5'-cyclic monophosphate is an immunogenic derivative of cAMP that has been used to generate anti-cAMP antisera and antibodies. ^{1,2}
Targets(IC50)	Others,Cholinesterase (ChE)

Solubility Information

Solubility	1 M NH ₄ OH: 50 mg/mL (116.47 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3295 mL	11.6474 mL	23.2948 mL
5 mM	0.4659 mL	2.3295 mL	4.659 mL
10 mM	0.2329 mL	1.1647 mL	2.3295 mL
50 mM	0.0466 mL	0.2329 mL	0.4659 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Ezan, E., Mamas, S., Rougeot, C., et al.Strategies for developing specific and sensitive hapten radioimmunoassaysRadioimmunoassay in Basic and Clinical Pharmacology143-179(1987)
- Denizot, F.C., Hirn, M.H., and Delaage, M.A.Relationship between affinity and kinetics in a hapten--antibody reaction. Studies on anti-cyclic AMP antibodiesMol. Immunol.16(7)509-513(1979)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481