Adenosine 5′-O-(3-thiotriphosphate) . tetralithium salt

K^+ channel activator

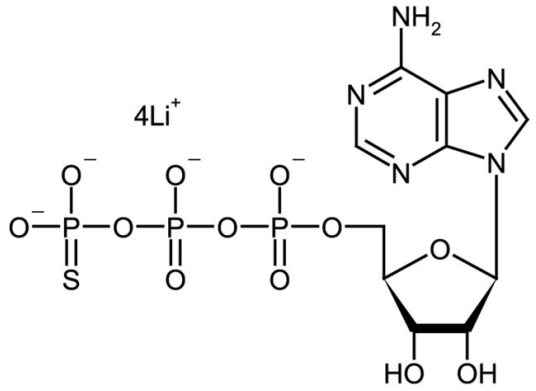
ATP analog that can substitute ATP in various kinase reactions. Substrate and inhibitor of ATP-dependent enzyme systems. The resulting thiophosphorylated proteins are resistant to dephosphorylation by protein phosphatases. Increases the activity of Ca^2 -activated K channels.

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ALX-480-066-M005	5mg

Manuals, SDS & CofA View Online »


NH2
4Li+
O
P
S
N
HO
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stock solutions may be stored at -80°C for up to 1 month. Product is not sterile.
Handling	Protect from moisture.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	ATP-γS . 4Li
Appearance	White to off-white solid.
CAS	93839-89-5
Couple Target	Potassium channel
Couple Type	Activator
Formula	$C_{10}H_{12}N_5O_{12}P_3S$. 4Li
MW	547
Purity	≥90% (HPLC)
Solubility	Soluble in water.

Last modified: May 29, 2024

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