

Adenosine 5'-monophosphate

Catalog No: #S2133

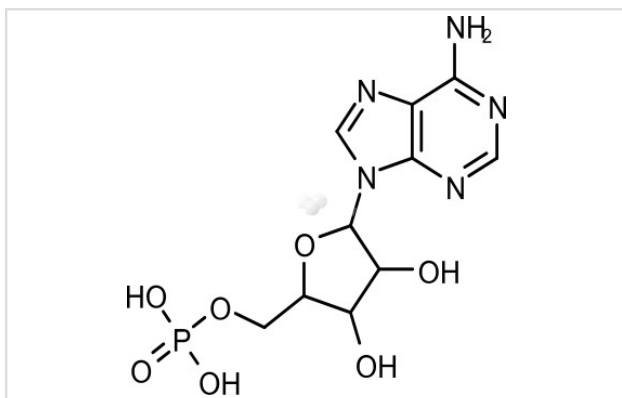
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Description

Product Name	Adenosine 5'-monophosphate
Brief Description	Inhibitors
Purification	99.68%
Target Name	AMPK activator
Calculated MW	347.22
Formulation	C10H14N5O7P
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research Area:Metabolism

systemSMILES:C1=NC2=C(C(=N1)N)N=CN2[C@H]3[C@@H]([C@@H]([C@H](O3)COP(=O)(O)O)O)OP

Pathways:PI3K/Akt/mTOR

signalingReceptor:5'-AMP-activated protein kinaseBoiling pt:798.52CMelting pt:178-185CSolubility:soluble in WaterAppearance:White

CrystalPowderRemark:For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution

can be stored below -20 °C for several month.

References

1. Richter EA, et al. Ugeskr Laeger. 2006 Feb 27;168(9):896-900.

Note: This product is for in vitro research use only