

## Theophylline

Catalog No: #S1083

Orders: order@signalwayantibody.com

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## Description

Product Name	Theophylline
Brief Description	Inhibitors
Purification	99.74%
Target Name	AChR antagonist; HDAC activator; PDE inhibitor
Calculated MW	180.16
Formulation	C7H8N4O2
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area:Respiratory system  
 SMILES:CN1C2=C(NC=N2)C(=O)N(C)C1=O  
 Pathways:Chromatin/Epigenetic; Metabolism; Neuroscience; DNA Damage/DNA Repair; NF-kb  
 Receptor:Adenosine receptor; HDAC2; PDE  
 Boling pt:Melting pt:271-273C  
 Solubility:soluble in Water  
 Appearance:White Powder  
 Remark: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. Philipp S, et al. Cardiovasc Res. 2006 May 1;70(2):308-14.

Note: This product is for in vitro research use only