

Aminophylline

Catalog No: #S1681

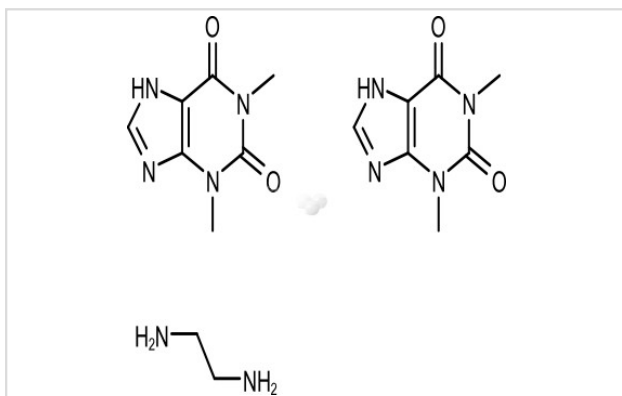
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Description

Product Name	Aminophylline
Brief Description	Inhibitors
Purification	99.94%
Target Name	PDE inhibitor
Calculated MW	420.43
Formulation	2C7H8O2C2H8N2
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research Area:Respiratory

systemSMILES:NCCN.CN1C2=C(NC=N2)C(=O)N(C)C1=O.CN1C2=C(NC=N2)C(=O)N(C)C1=OPathways:MetabolismReceptor:PDEBoling pt:Melting pt:269-270CSolubility:Water: 84 mg/mL (199.79 mM); DMSO: 53 mg/mL (126.06 mM)Appearance:White PowderRemark: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. Hirota K, et al. Acta Anaesthesiol Scand. 2002 Mar;46(3):297-302.

Note: This product is for in vitro research use only