

Diprophylline

Catalog No: #S0892

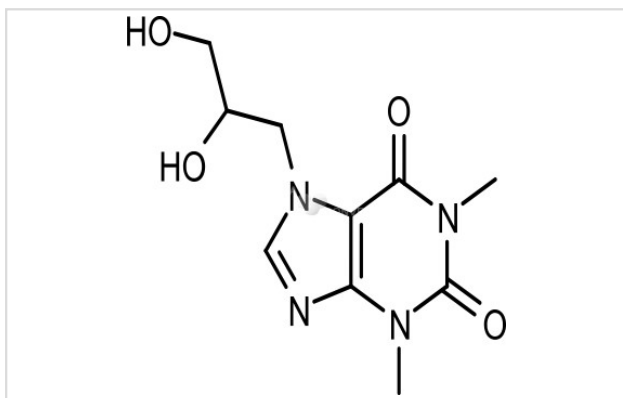
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Description

| | |
|-------------------|--|
| Product Name | Diprophylline |
| Brief Description | Inhibitors |
| Purification | 99.10% |
| Target Name | PDE inhibitor |
| Calculated MW | 254.25 |
| Formulation | C10H14N4O4 |
| Storage | 3 years -20°C powder;2 years -80°C in solvent; |

Images



Product Description

Research Area:Respiratory systemSMILES:CN1C2=C(N(CC(O)CO)C=N2)C(=O)N(C)C1=OPathways:MetabolismReceptor:PDEBoiling pt:589.6CMelting pt:161-162CSolubility:Water: 51 mg/mL (200.59 mM); DMSO: 51 mg/mL (200.59 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. Schwabe U, et al. Naunyn Schmiedebergs Arch Pharmacol. 1985 Sep;330(3):212-21.

Note: This product is for in vitro research use only