

Doxofylline

Catalog No: #S0480

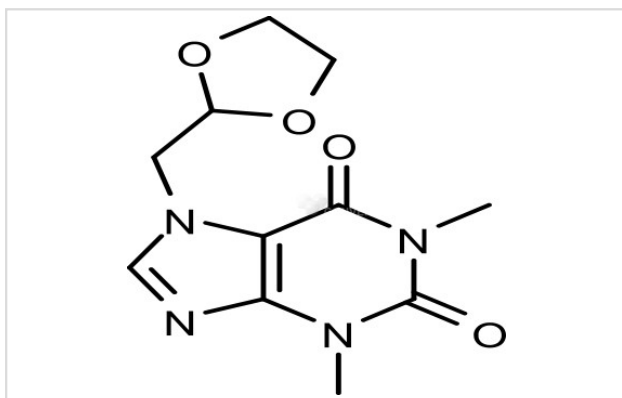
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Description

Product Name	Doxofylline
Brief Description	Inhibitors
Purification	98.00%
Target Name	PDE inhibitor
Calculated MW	266.26
Formulation	C ₁₁ H ₁₄ N ₄ O ₄
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area:Respiratory systemSMILES:CN1C2=C(N(CC3OCCO3)C=N2)C(=O)N(C)C1=OPathways:MetabolismReceptor:PDEBoiling pt:505.2CMelting pt:144-146CSolubility:Ethanol: 2 mg/mL (7.51 mM); Water: 24 mg/mL (90.14 mM); DMSO: 53 mg/mL (199.06 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. Shukla D, et al. Expert Opin PharmacOthers, 2009, 10(14), 2343-2356.

Note: This product is for in vitro research use only