

Diphylline

Catalog No: tcsc1901



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:

479-18-5

Formula:

$C_{10}H_{14}N_4O_4$

Pathway:

Metabolic Enzyme/Protease;GPCR/G Protein

Target:

Phosphodiesterase (PDE);Adenosine Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Diprophylline

Observed Molecular Weight:

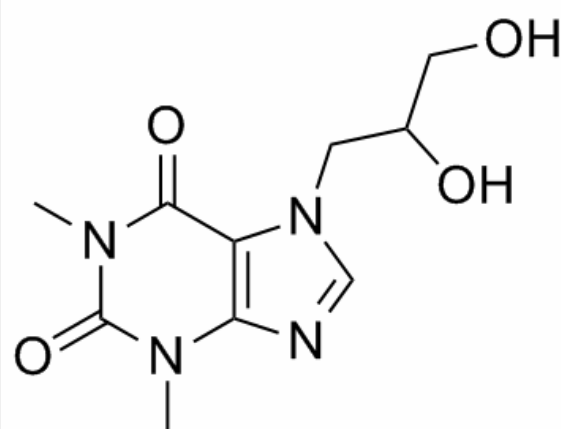
254.24

Product Description

Dyphylline acts as an adenosine receptor antagonist and phosphodiesterase inhibitor, which is used in the treatment of respiratory disorders.

Target: Adenosine Receptor; PDE

Dyphylline (trade names Dilor, Lufyllin), also known as diprophylline, is a xanthine derivative with bronchodilator and vasodilator effects. It is used in the treatment of respiratory disorders like asthma, cardiac dyspnea, and bronchitis. It acts as an adenosine receptor antagonist and phosphodiesterase inhibitor.



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