
Product Data Sheet

Product Name: Spirofylline

Cat. No.: GC32046

Chemical Properties

Cas. No. 98204-48-9

SMILES O=C(N1C)N(C)C2=C(N(CC(N3C(OC4(CCN(CCC5=CC=CC=C5)CC4)C3)=O)=O)C=N2)C1=OFormula C₂₄H₂₈N₆O₅ M.Wt 480.52

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure **Background**

Spirofylline is a bronchodilator, which can be used to treat asthma and bronchitis and emphysema.

[1]. Mao F, et al. Chemical Structure-Related Drug-Like Criteria of Global Approved Drugs. *Molecules*. 2016 Jan 12;21(1):75.

Caution: Product has not been fully validated for medical applications. For research use only.

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