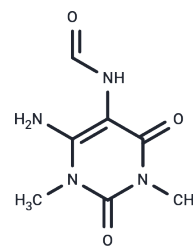


## Theophylline EP impurity C

## Chemical Properties

CAS No. :	7597-60-6
Formula:	C7H10N4O3
Molecular Weight:	198.18
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Theophylline EP impurity C, an alkaloid with anti-bronchospasm activity, is employed to assess the purity and quality of compounds. This substance also holds potential clinical value in the management of asthma and chronic obstructive pulmonary disease (COPD).
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0459 mL	25.2296 mL	50.4592 mL
5 mM	1.0092 mL	5.0459 mL	10.0918 mL
10 mM	0.5046 mL	2.523 mL	5.0459 mL
50 mM	0.1009 mL	0.5046 mL	1.0092 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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