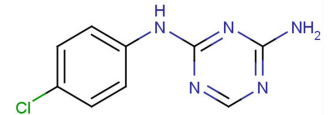


## Data Sheet (Cat.No.T13609L)

### Chlorazaniil

#### Chemical Properties

CAS No.:	500-42-5
Formula:	C <sub>9</sub> H <sub>8</sub> ClN <sub>5</sub>
Molecular Weight:	221.65
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



#### Biological Description

Description	Chlorazaniil, a triazine derivative, is a new nonmercurial diuretic compound.
Targets(IC <sub>50</sub> )	Others: None

#### Solubility Information

Solubility	DMSO: 110 mg/mL (496.28 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.512 mL	22.558 mL	45.116 mL
5 mM	0.902 mL	4.512 mL	9.023 mL
10 mM	0.451 mL	2.256 mL	4.512 mL
50 mM	0.09 mL	0.451 mL	0.902 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

- Thevis M, et al. Formation of the diuretic chlorazaniil from the antimalarial drug proguanil--implications for sports drug testing. J Pharm Biomed Anal. 2015 Nov 10;115:208-13.

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