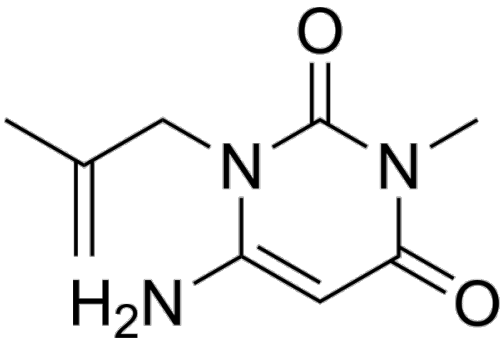
Product Data Sheet

Product Name: Amisometradine
Cat. No.: GC81388

Chemical Properties

Cas. No.	550-28-7		
Formula	$C_9H_{13}N_3O_2$	M.Wt	195.22
Solubility	DMSO: 100 mg/mL (512.24 mM; Need ultrasonic)	Storage	Store at -20°C
General tips	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 months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

Amisometradine is an orally active aminouracil diuretic with a diuretic potency approximately 40% that of Mersalyl (when administered intramuscularly). Amisometradine exerts its effects by promoting the excretion of sodium, chloride and a small amount of potassium, exhibits significant therapeutic effects in heart failure models, and has good tolerance with long-term administration. Compared with drugs of the same class, Amisometradine causes fewer gastrointestinal reactions; its minor side effects mainly include nausea, vomiting, diarrhea, tinnitus and deafness, and are usually not accompanied by proteinuria or abnormalities in blood and urine indicators. Amisometradine is an

important tool for the study of heart failure and related diuretic mechanisms [1].

References:

[1]. Jose A D, Wood P. Amisometradine, a new oral diuretic[J]. British Medical Journal, 1958, 1(5061): 9.