

Product Data Sheet

Product Name: Amisometradine

Cat. No.: GC81388

Chemical Properties

Cas. No. 550-28-7

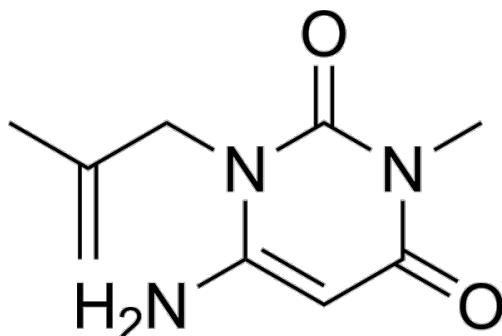
Formula $C_9H_{13}N_3O_2$ M.Wt 195.22

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

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

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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.

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