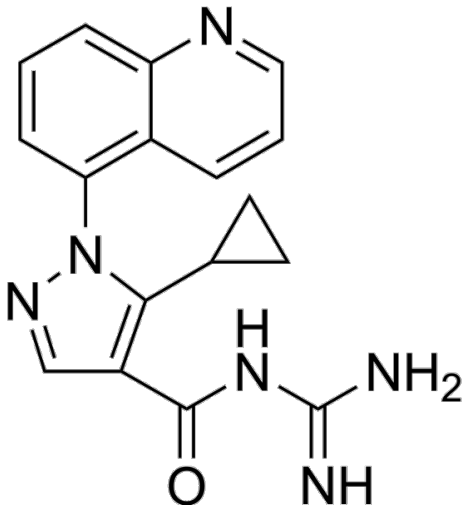
Product Data Sheet

Product Name: Zoniporide
Cat. No.: GC72779

Chemical Properties

Cas. No.	241800-98-6		
Formula	$C_{17}H_{16}N_6O$	M.Wt	320.35
Solubility	DMSO : 125 mg/mL (390.20 mM; Need ultrasonic)	Storage	-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

Product Data Sheet

Zoniporide (CP-597396) is a potent and selective NHE-1 inhibitor with cardioprotective activity. Zoniporide inhibits 22Na+ uptake by human NHE-1-expressing fibroblasts in a concentration-dependent manner (IC50=14 nM). Zoniporide inhibits platelet swelling in vitro with an IC50 of 0.059 μM. Zoniporide can be used in the study of cardiovascular disease.

References:

[1]. Marala, et al. Zoniporide: a potent and highly selective inhibitor of human Na+/H+ exchanger-1. European journal of pharmacology 451.1 (2002): 37-41.

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

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