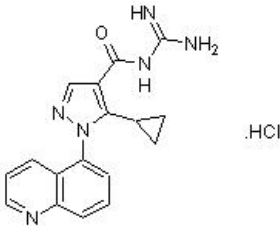


Product datasheet

Zoniporide hydrochloride ab142012

Overview

Product name	Zoniporide hydrochloride
Description	Novel, potent and selective sodium-hydrogen exchanger isoform-1 (NHE-1) inhibitor
Biological description	Novel, potent and selective NHE-1 inhibitor (IC_{50} = 14 nM). Reduces infarct size in the isolated heart (EC_{50} = 0.25 nM). Attenuates post-ischemic cardiac contractile dysfunction and ischemia-reperfusion-induced ventricular fibrillation <i>in vivo</i> .
Purity	> 99%
CAS Number	241800-97-5
Chemical structure	

Properties

Chemical name	5-Cyclopropyl- <i>N</i> -(diaminomethylidene)-1-quinolin-5-ylpyrazole-4-carboxamide hydrochloride
Molecular weight	393.27
Molecular formula	C ₁₇ H ₁₆ N ₆ O.HCl
PubChem identifier	11962997
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 10 mM, in ethanol to 10 mM and in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	Cl.N=C(N)NC(=O)c3cnn(c1cccc2ncccc12)c3C4CC4

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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