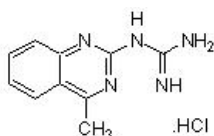


Product datasheet

GMQ hydrochloride, ASIC3 channel activator ab146005

Overview

Product name	GMQ hydrochloride, ASIC3 channel activator
Description	Selective ASIC3 channel activator. Competitive GABAA receptor antagonist.
Biological description	Selective ASIC3 channel activator at pH 7.4. Alters the pH dependence of ASIC1a and ASIC1b; does not affect the activation curve of ASIC2a. Competitive GABA _A receptor antagonist (IC ₅₀ = 390 nM). Shows nociceptive effects <i>in vivo</i> .
Purity	> 98%
CAS Number	5361-15-9
Chemical structure	



Properties

Chemical name	N-(4-Methyl-2-quinazolinyl)guanidine hydrochloride
Molecular weight	237.69
Molecular formula	C ₁₀ H ₁₁ N ₅ .HCl
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 50 mM and in water to 5 mM (with warming)
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>
Source	Synthetic

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

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- Extensive multi-media technical resources to help you
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