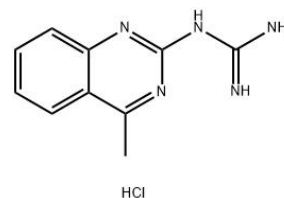


Technical Data Sheet

NSC 403387 hydrochloride

Compound Information

Product Name:	NSC 403387 hydrochloride
CAS No.:	5361-15-9
Molecular Formula:	C ₁₀ H ₁₂ ClN ₅
Molecular Weight:	237.69
Storage:	4°C, protect from light, dry, sealed
Revision Date:	2026-04-15



Analytical Information

Tests	Specifications
Description	GMQ hydrochloride is a potent and selective modulator of acid-sensing ion channel (ASIC) that activates ASIC3 channels under neutral pH. GQM blocks acid-induced maximal peak current and alters ASICs pH dependence for activation and inactivation.
Form	powder
Color	white to beige
Solubility	DMSO: soluble 2mg/mL, clear (warmed)
Purity	Shows >98% purity
1H NMR	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.