Certificate of Analysis

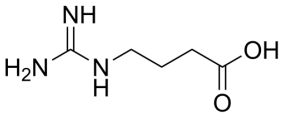
4-Guanidinobutanoic acid

Cat. No.:	HY-113286
CAS No.:	463-00-3
Batch No.:	34732
Chemical Name:	Butanoic acid,4-[(aminoiminomethyl)amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_5H_{11}N_3O_2$		
Molecular Weight:	**145.16**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Purity (NMR):	**≥97.0%**
Conclusion:	The product has been tested and complies with the given specifications.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA