Certificate of Analysis

Guanethidine (sulfate)

 Cat. No.:
 HY-B0800

 CAS No.:
 645-43-2

 Batch No.:
 19363

Chemical Name: Guanidine, N-[2-(hexahydro-1(2H)-azocinyl)ethyl]-, sulfate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{24}N_4O_4S$ Molecular Weight: 296.39

Storage: 4°C, sealed storage, away from moisture

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

$$\begin{array}{c|c} & NH \\ N & NH_2 \\ O \\ HO-\overset{\circ}{S}-OH \\ O \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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