Certificate of Analysis

Mafenide (hydrochloride)

 Cat. No.:
 HY-B0614B

 CAS No.:
 138-37-4

 Batch No.:
 290837

Chemical Name: Benzenesulfonamide, 4-(aminomethyl)-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_{11}ClN_2O_2S$

Molecular Weight: 222.69

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:

H-CI

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.97%

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.

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