Certificate of Analysis

Acetazolamide (sodium)

Cat. No.: HY-B0782A CAS No.: 1424-27-7 Batch No.: 217715

Chemical Name: Acetamide, N-[5-(aminosulfonyl)-1,3,4-thiadiazol-2-yl]-, sodium salt (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_4H_6N_4NaO_3S_2$

Molecular Weight: 245.24

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:

$$\begin{array}{c|c} O & N^{-N} & O \\ N & S & S \\ N & O \end{array}$$

Na

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.66%

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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