# MedChemExpre

# **Certificate of Analysis**

## Sulfamethoxazole

Cat. No.: HY-B0322
CAS No.: 723-46-6
Batch No.: 16197

Chemical Name: Benzenesulfonamide, 4-amino-N-(5-methyl-3-isoxazolyl)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{11}N_3O_3S$  Molecular Weight: 253.28

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 1 year

-20°C 6 months

**Chemical Structure:** 

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

#### **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.91%

**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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