Certificate of Analysis

Fosfomycin (tromethamine)

Cat. No.: HY-B0609
CAS No.: 78964-85-9
Batch No.: 320549

Chemical Name: Phosphonic acid, P-[(2R,3S)-3-methyl-2-oxiranyl]-, compd. with 2-amino-2-(hydroxymethyl)-1,3-

propanediol (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_{18}NO_7P$ Molecular Weight: 259.19

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

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

light)

Chemical Structure:

$$HO \longrightarrow OH$$
 NH_2

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.69%

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