Certificate of Analysis

Amifostine

Cat. No.: HY-B0639

CAS No.: 20537-88-6

Batch No.: 16836

Chemical Name: Ethanethiol, 2-[(3-aminopropyl)amino]-, 1-(dihydrogen phosphate)

PHYSICAL AND CHEMICAL PROPERTIES

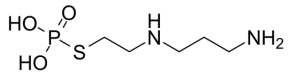
Molecular Formula: $C_5H_{15}N_2O_3PS$

Molecular Weight: 214.22

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



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.

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