



Fosfomycin Disodium

Broad-spectrum antibiotic, inhibiting biogenesis of bacterial cell wall

Fosfomycin disodium is a broad-spectrum antibiotic that works by inhibiting the biogenesis of bacterial cell walls. It is partially effective against some bacteria, including multidrug resistant gram-negative bacteria.

Cat. Number	AS-2032
CAS Number	26016-99-9
Additional CAS	23155-02-4 (base)
MDL Number	MFCD22741288
Pubchem	310278942
Molecular Weight	182.02 gr/mol
Molecular Formula	C ₃ H ₅ Na ₂ O ₄ P
Storage Temperature	+4°C
Form and Color	Powder / White to almost white
Assay (anhydrous)	95 – 101 %
Solubility	5 g in 50 ml water
pH (1 g in 20 ml water)	9 – 10.5
Specific Optical Rotation (2.5 gr in 50 ml water)	-13 - -15 °
Heavy Metals	≤ 20 ppm
Water	≤ 1%
Synonym	Disodium (1R,2S)-(1,2-epoxypropyl)phosphonate