Leucomycin A4 is a major metabolite from the leucomycin complex, a family of closely related macrocyclic lactone antibiotics produced by Streptomyces kitasatoensis, discovered in 1953. Leucomycin A4 is one of the more potent antibiotics of the complex. Leucomycin complex (kitasamycin) is used as an animal health product for control of Gram positive bacteria, Gram negative cocci, leptospira and mycoplasma. Little is known about the activity of individual analogues within the complex as their limited availability has restricted investigation.

Leucomycin A4 is soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

References:

