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# KRN5500

National Cancer Institute

## Source

*National Cancer Institute. KRN5500. NCI Thesaurus. Code C1614.*

A semisynthetic derivative of the nucleoside-like antineoplastic antibiotic spicamycin, originally isolated from the bacterium *Streptomyces alanosinicus*. KRN 5500 inhibits protein synthesis by interfering with endoplasmic reticulum and Golgi apparatus functions. This agent also induces cell differentiation and caspase-dependent apoptosis. (NCI04)