

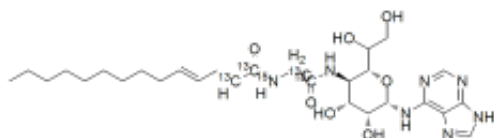
## KRN5500-13C4,15N

**Brand:** Chemtos

**Product Code:** K-5500

**Availability:** In Stock

**Weight:** 10.00



### Short Description

High purity KRN5500 Labeled  $^{13}\text{C}_4$ ,  $^{15}\text{N}$  (KRN 5500; NSC-650426; SPK-241) includes a comprehensive Certificate of Analysis and all supporting analytical data

### Description

This compound comes with a comprehensive Certificate of Analysis.

Availability: In-stock

Controlled Substance: No

10 mg ; 25 mg ;

CAS 151276-95-8 (unlabeled)

O[C@@H]1[C@H](O)[C@@H](N[13C]([13CH2][15NH][13C]/[13CH]=C/C=C/CCCCCCC)=O)[C@H](C(CO)O)O[C@@H]1NC2=C(N=CN3)C3=NC=N2

KRN5500 is 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.

