

Puromycin aminonucleoside, Nephropathy inducer

Catalog	Unit
TBI2101-10MG	10 mg
TBI2101-50MG	50 mg

Product Details

Formal Name: 3'-Amino-3'-deoxy-N6,N6-dimethyladenosine

Alternate Names: PAN

Molecular Formula: C₁₂H₁₈N₆O₃

Formula Weight: 294.32

CAS Number: 58-60-6

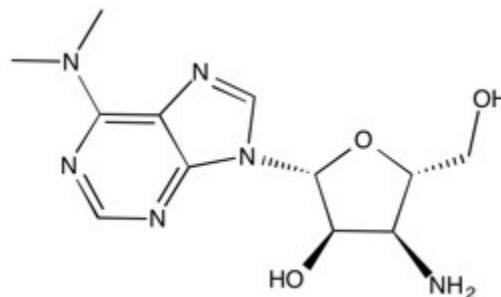
Purity: >98%

Formulation: powder

Solubility: Soluble in Water (up to 50 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

Nephropathy inducer

Functions

The nucleoside moiety of puromycin which does not inhibit protein synthesis or induce apoptosis. It acts as a glomerular epithelial cell toxin and as such is a useful tool for producing animal models of nephropathy, or puromycin aminonucleoside nephrosis (1-2.5 mg/100g rat body weight). Active in vivo.

Application Procedures

First dissolved in Water (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in distilled water may be stored at -20°C for up to 2 months.

For research use only.