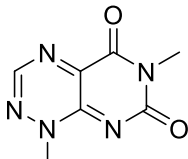




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
562222	Toxoflavin	C9M10C31

<b>Chemical name</b>	
1,6-Dimethyl-pyrimido[5,4-e]-1,2,4-triazine-5,7(1H,6H)-dione	
<b>Synonyms</b>	
PKF118-310; PKF118 310; PKF118310; Toxoflavin; Xanthothricin	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 562222 Name: Toxoflavin CAS#: 84-82-2 Lot#: C9M10C31 Chemical Formula: C7H7N5O2 Exact Mass: 193.06 Molecular Weight: 193.166

<b>Analysis item</b>	<b>Specifications / Results</b>
<b>Appearance</b>	Off-white to light brown solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>98.0%
<b>Solubility</b>	~ 10 mg/ml in water
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**