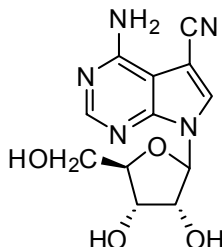


Toyocamycin

Code: **BIA-T1310**

Pack sizes: **1 mg, 5 mg**



Synonyms : **Cyanotubercidin, Unamycin B, Vengicide, E 212, Antibiotic 1037, Antibiotic E 212, Anhygroscopin B, Naritheracin**

Specifications

CAS # : **606-58-6**
Molecular Formula : **C₁₂H₁₃N₅O₄**
Molecular Weight : **291.3**
Source : ***Streptomyces* sp.**
Appearance : **White to fawn solid**
Purity : **>95%**
Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.**

Application Notes

Toyocamycin is a pyrrolopyrimidine nucleoside isolated from *Streptomyces toyocaensis* in 1956. Toyocamycin, like other members of pyrrolopyrimidine class, is an adenosine nucleotide antimetabolite with a broad spectrum of action against bacteria, fungi, protozoans and mammalian cell lines.

References

1. Toyocamycin, a new anti-candida antibiotic. Nishimura H. *et al.* J. Antibiot. **1956**, 9A, 60.
2. Nucleoside antibiotics. Suhadolnik R. J. Wiley-Interscience. **1970**, 298.