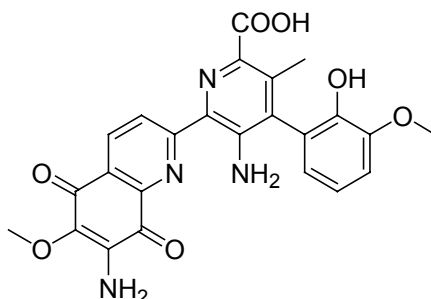


10'-Desmethoxystreptonigrin

Code: **BIA-S1088**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : **10'-Demethoxystreptonigrin**

Specifications

CAS # : **136803-89-9**
Molecular Formula : **C₂₄H₂₀N₄O₇**
Molecular Weight : **476.1**
Source : ***Streptomyces* sp. MST-AS5564**
Appearance : **Red Brown solid**
Purity : **> 95% by HPLC**
Long Term Storage : **-20°C**
Solubility : **Soluble in ethanol, methanol, DMF or DMSO.**

Application Notes

10'-Desmethoxystreptonigrin is a close analogue of streptonigrin which is produced by selected *Streptomyces* species. It is a moderately potent inhibitor of farnesylation of RAS P21 protein, 3-fold more active than streptonigrin. 10'-desmethoxystreptonigrin has also been reported to have potent and broad spectrum antibacterial and antitumor activity.

References

1. 10'-desmethoxystreptonigrin, a novel analog of streptonigrin. Liu W.C. et al. *J. Antibiot.* **1992**, 45, 454.