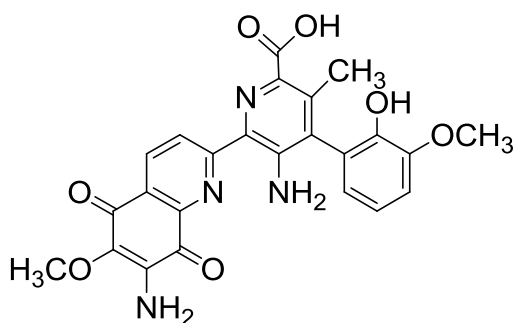


10'-Desmethoxystreptonigrin

Code No.: **BIA-S1088**

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



Synonyms :

Specifications

CAS #	: 136803-89-9
Molecular Formula	: C ₂₄ H ₂₀ N ₄ O ₇
Molecular Weight	: 476.1
Source	: <i>Streptomyces</i> sp.
Appearance	: Red Brown solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

10'-Desmethoxystreptonigrin is a close analogue of streptonigrin 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.

Updated: 2 December 2014