



10'-desmethoxystreptonigrin PRODUCT DATA SHEET

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Product Name:	10'-desmethoxystreptonigrin
Product Number:	D048
CAS Number:	136803-89-9
Molecular Formula:	$C_{24}H_{20}N_4O_7$
Molecular Weight:	476.1
Appearance:	Red Brown solid
Storage Conditions:	-20°C
Description:	<p>10'-Desmethoxystreptonigrin is a close analogue of streptonigrin produced by selected <i>Streptomyces</i> 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.</p> <p>10'-Desmethoxystreptonigrin is soluble in ethanol, methanol, DMF and DMSO.</p>
References:	<p>10'-desmethoxystreptonigrin, a novel analog of streptonigrin. Liu W.C. et al. <i>J. Antibiot.</i> 1992, 45, 454.</p>

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