

Product Datasheet

Streptonigrin (orb1988918)

Description	Streptonigrin is a natural product produced by <i>Streptomyces flocculus</i> , has both anti-tumor and anti-bacterial activity. Streptonigrin acts as a pan-PAD inhibitor (IC50s: 48.3±34.2 μM, 26.1±0.3 μM, 0.43±0.03 μM, and 2.5±0.4 μM for PAD1, PAD2, PAD3, and PAD4, respectively).
Storage	-20°C
Note	For research use only
Formula	C ₂₅ H ₂₂ N ₄ O ₈
Purity	98.00%
MW	506.46
CAS Number	3930-19-6
SMILES	<chem>COC1=C(N)C(=O)c2nc(ccc2C1=O)-c1nc(C(O)=O)c(C)c(c1N)-c1ccc(OC)c(OC)c1O</chem>
Expiration Date	12 months from date of receipt.

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