

Product Datasheet

Streptonigrin (orb1988918)

Catalog Number	orb1988918
Category	Small Molecules
Description	Streptonigrin, a natural product from <i>Streptomyces flocculus</i> , is a potent pan-PAD inhibitor with differential IC ₅₀ values against PAD1-4. It exhibits antitumor and antibacterial properties, supporting its use in cancer and autoimmune disease research in both cellular and animal models.
Target	Others,MDM-2/p53,HIF/HIF Prolyl-Hydroxylase,Antibiotic,E1/E2/E3 Enzyme,PAD,Apoptosis
MW	506.46
CAS Number	3930-19-6
Formula	C ₂₅ H ₂₂ N ₄ O ₈
SMILES	<chem>COC1=C(N)C(=O)c2nc(ccc2C1=O)-c1nc(C(O)=O)c(C)c(c1N)-c1ccc(OC)c(OC)c1O</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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