

Product Datasheet

Avenanthramide-C methyl ester (orb1693950)

Catalog Number	orb1693950
Category	Small Molecules
Description	Avenanthramide-C methyl ester is a small molecule inhibitor of NF-κB activation, functioning via blockade of IKK and IκB phosphorylation. It suppresses pro-inflammatory cytokine and chemokine production in endothelial cells and has shown anti-atherosclerotic potential in animal models, making it a useful research tool for studying vascular inflammation.
Target	NF-κB,Others
MW	329.3
CAS Number	955382-52-2
Formula	C ₁₇ H ₁₅ NO ₆
SMILES	<chem>C(OC)(=O)C1=C(NC(/C=C/C2=CC(O)=C(O)C=C2)=O)C=CC(O)=C1</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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