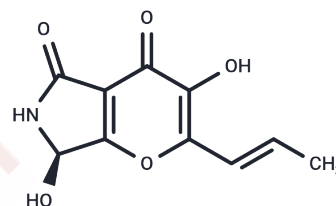


Pyranonigrin A

Chemical Properties

CAS No. :	773855-65-5
Formula:	C ₁₀ H ₉ NO ₅
Molecular Weight:	223.184
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Pyranonigrin A is a fungal metabolite originally isolated from <i>Aspergillus</i> that has antioxidant activity. It scavenges 2,2-diphenyl-1-picrylhydrazyl (DPPH;) free radicals in a cell-free assay (IC ₅₀ = 132.9 μM). Pyranonigrin A (10 μM) suppresses TNF-α-induced expression of vascular cell adhesion molecule 1 (VCAM-1) in human umbilical vein endothelial cells (HUVECs).
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4807 mL	22.4034 mL	44.8069 mL
5 mM	0.8961 mL	4.4807 mL	8.9614 mL
10 mM	0.4481 mL	2.2403 mL	4.4807 mL
50 mM	0.0896 mL	0.4481 mL	0.8961 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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