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## DATASHEET

Pyranonigrin A

### Product overview

|                    |                      |
|--------------------|----------------------|
| <b>Name</b>        | Pyranonigrin A       |
| <b>Cat No</b>      | HB4042               |
| <b>Purity</b>      | >95%                 |
| <b>Description</b> | Antioxidant compound |

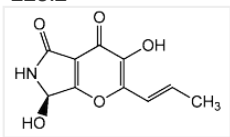
### Biological Data

|                               |                                                                                                                                                                                                                                                                                             |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Biological description</b> | Antioxidant. Radical scavenging activity towards DPPH and superoxide. Shows a suppressive effect on the expression of vascular cell adhesion molecule-1 (VCAM-1) in human umbilical vein endothelial cells (HUVECs) induced by tumor necrosis factor-alpha (TNF-alpha). Insecticidal agent. |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Solubility & Handling

|                             |                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage instructions</b> | +4 °C                                                                                                                         |
| <b>Important</b>            | This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use. |

### Chemical Data

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| <b>Molecular Weight</b>   | 223.2                                                                               |
| <b>Chemical structure</b> |  |
| <b>CAS Number</b>         | 773855-65-5                                                                         |
| <b>InChiKey</b>           | OALBJWDVDNROSF-MXQLGCADSA-N                                                         |
| <b>Appearance</b>         | Crystalline solid                                                                   |