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## DATASHEET

Palmarumycin C3

### Product overview

|                    |                                  |
|--------------------|----------------------------------|
| <b>Name</b>        | Palmarumycin C3                  |
| <b>Cat No</b>      | HB4013                           |
| <b>Purity</b>      | >97%                             |
| <b>Description</b> | Rasfarnesyltransferase inhibitor |

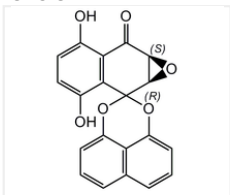
### Biological Data

|                               |                                                                                                                                                                                                                                                             |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Biological description</b> | Rasfarnesyltransferase inhibitor. Antifungal, antibacterial and herbicidal. Structurally unique natural products. The basic structure of palmarumycin C1 can be modified by a number of hydroxylation, oxygenation, dehydrogenation and chlorination steps. |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 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>Chemical name</b>      | (1a'R,7a'S)-3',6'-Dihydroxy-1a'H-spirodioxine-2,2'-naphthooxiren]-7'(7a'H)-one      |
| <b>Molecular Weight</b>   | 348.3                                                                               |
| <b>Chemical structure</b> |  |
| <b>CAS Number</b>         | 159934-11-9                                                                         |
| <b>InChiKey</b>           | BDXBHYOFNNANPN-RTBURBONSA-N                                                         |
| <b>Appearance</b>         | Yellow to green solid                                                               |