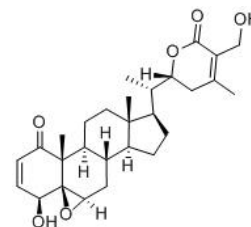


## Technical Data Sheet

### WITHAFERIN A

#### Compound Information

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| <b>Product Name:</b>      | WITHAFERIN A                                        |
| <b>CAS No.:</b>           | 5119-48-2                                           |
| <b>Molecular Formula:</b> | C <sub>28</sub> H <sub>38</sub> O <sub>6</sub>      |
| <b>Molecular Weight:</b>  | 470.6                                               |
| <b>Storage:</b>           | Store the product in sealed, cool and dry condition |
| <b>Revision Date:</b>     | 2026-04-27                                          |



#### Analytical Information

| Tests                  | Specifications                                                                                                                                                                 |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description            | Withaferin A is a steroidal ester isolated from nightfruit, which can inhibit the activity of NF-κB, target vimentin, and has anti-inflammatory, anti-tumor and other effects. |
| Purity                 | >98%                                                                                                                                                                           |
| Form                   | White solid                                                                                                                                                                    |
| Color                  | White                                                                                                                                                                          |
| General tips           | For obtaining a higher solubility, please warm the tube at 37 degrees Celsius (98.6 degrees Fahrenheit) and shake it in the ultrasonic bath for a while                        |
| Solubility             | Soluble in chloroform                                                                                                                                                          |
| <a href="#">1H NMR</a> | Pass test                                                                                                                                                                      |

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