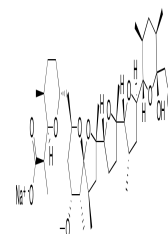


## Product Datasheet

### Nigericin Sodium (orb321134)

|                           |                                                                                                                                                                                       |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Nigericin Sodium                                                                                                                                                                      |
| <b>Storage</b>            | Storage Temp: 4°C                                                                                                                                                                     |
| <b>Note</b>               | For research use only                                                                                                                                                                 |
| <b>Formula</b>            | C <sub>40</sub> H <sub>67</sub> O <sub>11</sub> Na                                                                                                                                    |
| <b>Purity</b>             | ≥98%                                                                                                                                                                                  |
| <b>MW</b>                 | 746.94                                                                                                                                                                                |
| <b>CAS Number</b>         | 28643-80-3                                                                                                                                                                            |
| <b>SMILES</b>             | CC1CCC(OC1C(C)C(=O)[O-])CC2CC(C(C3(O2)C(CC(O3)(C)C4CCC(O4)(C)C5C(CC(O5)C6C(CC(C(O6)(CO)O)C)C)C)C)OC.[Na+]                                                                             |
| <b>Solubility (25°C)</b>  | Soluble in chloroform. Practically insoluble in water.                                                                                                                                |
| <b>Hazard Information</b> | Chemical Hazard Code: T Xi. UN Number: UN number: 3462 Class: 6.1<br>Packing Group: III Proper shipping name: Toxins, extracted from living sources, solid, n.o.s. (Nigericin Sodium) |
| <b>Expiration Date</b>    | 12 months from date of receipt.                                                                                                                                                       |



Chemical  
structure of  
Nigericin  
Sodium