

## Product Datasheet

# 23-O-β-D-Glucopyranosyl-20-isoveratramine (orb2564229)

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>  | orb2564229                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Category</b>        | Small Molecules                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>     | 23-O-β-D-Glucopyranosyl-20-isoveratramine, extracted from nettles, shows promise as an anti-allergic agent. Nettle extract contains a range of COX-1, COX-2, 5-lipoxygenase, and trypsin-like inhibitors, as well as H1 antagonists. These compounds collectively help mitigate symptoms of seasonal allergies, allergic rhinitis, and other inflammatory diseases, offering both treatment and preventive benefits. |
| <b>MW</b>              | 571.74                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>CAS Number</b>      | 148440-62-4                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Formula</b>         | C <sub>33</sub> H <sub>49</sub> NO <sub>7</sub>                                                                                                                                                                                                                                                                                                                                                                      |
| <b>SMILES</b>          | <chem>C[C@@]12[C@@]3([C@](C=4C(C3)=C(C)C([C@@H](C)[C@]5([C@H](O[C@@H]6O[C@H](CO)[C@@H](O)[C@H](O)[C@H]6O)C[C@H](C)CN5)[H])=CC4)(CC=C1C[C@@H](O)CC2)[H])[H]</chem>                                                                                                                                                                                                                                                    |
| <b>Storage</b>         | -20°C                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Note</b>            | For research use only                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Expiration Date</b> | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                      |

**Biorbyt Ltd.**

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)