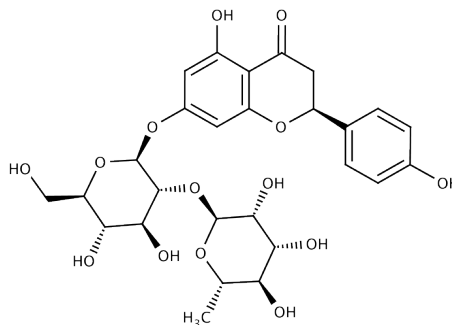


## Product Specification

Product Name : Naringin hydrate  
Glentham Code : GC2272  
CAS Number : 10236-47-2  
EINECS : 233-566-4  
MDL Number : MFCD00148888  
PubChem SID : 310277561

Molecular Weight : 580.53 (anhydrous)  
Molecular Formula : C<sub>27</sub>H<sub>32</sub>O<sub>14</sub> · xH<sub>2</sub>O  
Storage Temp. : +20°C



| Property                                        | Specification                                                                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------|
| Physical Description                            | White to light-yellow or faint beige powder                                                 |
| Solubility (1% in ethanol)                      | Clear to faintly turbid, colourless to light yellow or green solution (may require heating) |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | -70.0 - -90.0 ° (c=1, ethanol)                                                              |
| Loss on Drying                                  | ≤ 9.0% (105°C)                                                                              |
| Assay                                           | ≥ 95.0%                                                                                     |

Specification Version : v1.1  
Date Created : 2019-03-29

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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