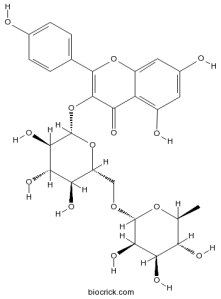
# Product Datasheet

## PHYSICAL AND CHEMICAL PROPERTIES



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| **Product Name:** | Nicotiflorin |
| **Catalog Number:** | BCN1126 |
| **Cas No.:** | 17650-84-9 |
| **Formula:** | C27H30O15 |
| **M.Wt:** | 594.5 |
| **Purity:** | >98% |
| **Physical Description:** | Yellow powder |
| **Synonyms:** | Nicotifiorin; Nicotiflorin; Nicotifloroside; 3,4',5,7-Tetrahydroxyflavone 3-rutinoside |
| **Chemical Name:** | 5,7-dihydroxy-2-(4-hydroxyphenyl)-3-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-[[(2R,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyloxan-2-yl]oxymethyl]oxan-2-yl]oxychromen-4-one |
| **SMILES:** | CC1C(C(C(C(O1)OCC2C(C(C(C(O2)OC3=C(OC4=CC(=CC(=C4C3=O)O)O)C5=CC=C(C=C5)O)O)O)O)O)O)O |
| **Solubility:** | DMSO : 100 mg/mL (168.20 mM; Need ultrasonic) |

## STORAGE AND SHIPPING

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| **Storage:** | Store the product in sealed, cool and dry condition. |
| **General tips:** | For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20° for several months. |
| **Shipping Condition:** | Ship with RT , or blue ice upon request |

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## CAUTION!

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most BioCrick products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure*

*that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

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