

## PHYSICAL AND CHEMICAL PROPERTIES

**Product Name:** Theaflavine-3,3'-digallate

**Catalog Number:** BCN5420

**Cas No.:** 33377-72-9

**Formula:** C<sub>43</sub>H<sub>32</sub>O<sub>20</sub>

**M.Wt:** 868.7

**Purity:** >98%

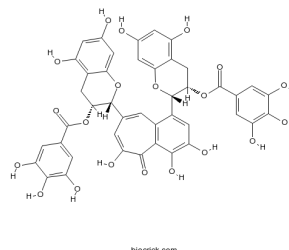
**Physical Description:** Powder

**Synonyms:** Theaflavin 3,3-digallate

**Chemical Name:** [(2R,3R)-2-[1-[(2S,3S)-5,7-dihydroxy-3-(3,4,5-trihydroxybenzoyl)oxy-3,4-dihydro-2H-chromen-2-yl]-3,4,6-trihydroxy-5-oxobenzo[7]annulen-8-yl]-5,7-dihydroxy-3,4-dihydro-2H-chromen-3-yl] 3,4,5-trihydroxybenzoate

**SMILES:** C1C(C(OC2=CC(=CC(=C21)O)O)C3=CC4=C(C(=C(C=C4C5C(CC6=C(C=C(C=C6O5)O)O)OC(=O)C7=CC(=C(C(=C7)O)O)O)O)C(=O)C(=C3)O)OC(=O)C8=CC(=C(C(=C8)O)O)O

**Solubility:** N/A



## STORAGE AND SHIPPING

**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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