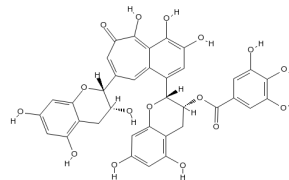


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Theaflavin-3'-gallate
<b>Catalog Number:</b>	BCN5421
<b>Cas No.:</b>	28543-07-9
<b>Formula:</b>	C <sub>36</sub> H <sub>28</sub> O <sub>16</sub>
<b>M.Wt:</b>	716.6
<b>Purity:</b>	>98%
<b>Physical Description:</b>	Orange-brown powder
<b>Synonyms:</b>	Theaflavin 2B; Theaflavin monogallate B
<b>Chemical Name:</b>	[(2R,3R)-5,7-dihydroxy-2-[3,4,5-trihydroxy-6-oxo-8-[(2R,3R)-3,5,7-trihydroxy-3,4-dihydro-2H-chromen-2-yl]benzo[7]annulen-1-yl]-3,4-dihydro-2H-chromen-3-yl] 3,4,5-trihydroxybenzoate
<b>SMILES:</b>	<chem>C1C(C(OC2=CC(=CC(=C21)O)O)C3=CC(=O)C(=C4C(=C3)C(=CC(=C4O)O)C5C(CC6=C(C=C(C=C6O5)O)O)OC(=O)C7=CC(=C(C(=C7)O)O)O)O)O</chem>
<b>Solubility:</b>	Soluble in ethanol and methan



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## STORAGE AND SHIPPING

<b>Storage:</b>	Store the product in sealed, cool and dry condition.
<b>General tips:</b>	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.
<b>Shipping Condition:</b>	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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