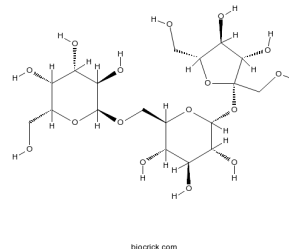


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Raffinose
<b>Catalog Number:</b>	BCN8427
<b>Cas No.:</b>	512-69-6
<b>Formula:</b>	C <sub>18</sub> H <sub>32</sub> O <sub>16</sub>
<b>M.Wt:</b>	504.44
<b>Purity:</b>	>98%
<b>Physical Description:</b>	White crystalline powder
<b>Synonyms:</b>	Gossypose; Melitose; D-(+)-Raffinose; Melitriose; D-Raffinose
<b>Chemical Name:</b>	(2S,3R,4S,5R,6R)-2-[[[(2R,3S,4S,5R,6R)-6-[(2S,3S,4S,5R)-3,4-dihydroxy-2,5-bis(hydroxymethyl)oxolan-2-yl]oxy-3,4,5-trihydroxyoxan-2-yl]methoxy]-6-(hydroxymethyl)oxane-3,4,5-triol
<b>SMILES:</b>	<chem>C(C1C(C(C(C(O1)OCC2C(C(C(C(O2)OC3(C(C(C(O3)CO)O)O)CO)O)O)O)O)O)O)O</chem>
<b>Solubility:</b>	N/A



## 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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