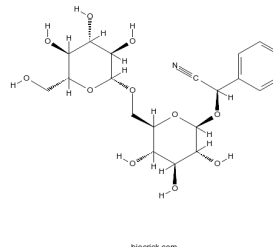


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Amygdalin
<b>Catalog Number:</b>	BCN5206
<b>Cas No.:</b>	29883-15-6
<b>Formula:</b>	C <sub>20</sub> H <sub>27</sub> NO <sub>11</sub>
<b>M.Wt:</b>	457.4
<b>Purity:</b>	>98%
<b>Physical Description:</b>	White powder
<b>Synonyms:</b>	Amygdaloside; Mandelonitrile β-gentiobioside
<b>Chemical Name:</b>	(2R)-2-phenyl-2-[(2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-[[[(2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxymethyl]oxan-2-yl]oxyacetonitrile
<b>SMILES:</b>	<chem>C1=CC=C(C=C1)C(C#N)OC2C(C(C(C(O2)COC3C(C(C(C(O3)CO)O)O)O)O)O)O</chem>
<b>Solubility:</b>	DMSO : ≥ 75 mg/mL (163.96 mM) *"≥" means soluble, but saturation unknown.



## 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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