

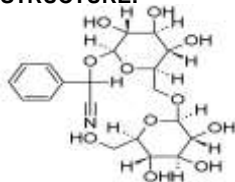
## PRODUCT: Amygdalin

**ALTERNATE NAME:** [(6-O-β-D-glucopyranosyl-β-D-glucopyranosyl)oxy](phenyl)acetonitrile; laetrile; Vitamin B-17

**CATALOG #:** B2176-50, 250

**AMOUNT:** 50 mg, 250 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>20</sub>H<sub>27</sub>NO<sub>11</sub>

**MOLECULAR WEIGHT:** 457.43

**CAS NUMBER:** 29883-15-6

**APPEARANCE:** White solid

**SOLUBILITY:** H<sub>2</sub>O (~ 50 mg/ml)

**PURITY:** ≥97% by HPLC

**STORAGE:** Store at -20 °C. Protect from light and light

**DESCRIPTION:** Amygdalin is a cyanogenic glucoside isolated from almonds and seeds of other plants of the family Rosaceae. It displays anticancer and anti-inflammatory properties. It induces apoptosis as a result of increased expression of Bax protein and caspase-3 and reduced expression of antiapoptotic Bcl-2 protein. Amygdalin can serve as a chemopreventive agent to prevent or alleviate progression of breast cancer, especially TNBC.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

- Amygdalin (Cat. No. B2176-50, 250)
- Betulinic Acid (Cat. No. 1552-25)
- Bexarotene (Cat. No. 1575-5, 50)
- Camptothecin (Cat. No. 1039-1, 50MG, 500MG)
- 10-Hydroxycamptothecin (Cat. No. B1995-50, 250)
- Capecitabine (Cat. No. 1741-100, 1000)
- Carboplatin (Cat. No. 1553-100)
- Cisplatin (Cat. No. 1550-100,1000)
- Colchicine (Cat. No. 1519-1000)
- Daunorubicin.HCl (1524-10,50,500)
- Docetaxel (Cat. No. 2232-10, 50)
- Doxorubicin HCl (Cat. No. 1527-5)
- (-)-Epigallocatechin gallate (Cat. No. 1841-50)
- Epothilone B (Cat. No. 2012-1, 5)
- Fludarabine Phosphate (Cat. No. 1763-10, 50)
- Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)
- Genistein (Cat. No. 1533-10)
- Lasalocid Sodium (Cat. No. B1587-5,25)
- Ilimaquinone (Cat. No. 2038-100)
- Nedaplatin (Cat. No. 1576-5)
- Nocodazole (Cat. No. 2185-10, 50)
- Oxaliplatin (Cat. No. 1577-25)
- Piperlongumine (Cat. No. 1919-10, 50)
- Paclitaxel (Cat. No. 1567-25)
- Solamargine (Cat. No. B1586-5,25)
- Tamoxifen Citrate (Cat. No. 1551-1000)
- Vinorelbine Tartrate (Cat. No. 1957-5, 25)

**USAGE:** *FOR RESEARCH USE ONLY! Not to be used in humans*