

Product datasheet

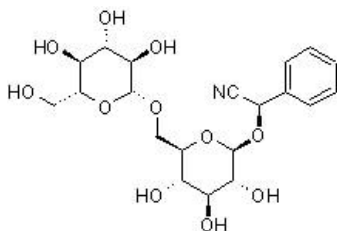
Amygdalin, Glycosidic antineoplastic agent ab142687

1 Image

Overview

<b>Product name</b>	Amygdalin, Glycosidic antineoplastic agent
<b>Description</b>	Glycosidic antineoplastic agent
<b>Biological description</b>	Glycosidic antineoplastic agent. Induces apoptosis through the BCL pathway. Inhibits angiogenesis and displays antitumor effects <i>in vivo</i> . Orally active.
<b>Purity</b>	> 98%
<b>CAS Number</b>	29883-15-6

Chemical structure



Properties

<b>Chemical name</b>	2-Phenyl-2-[(1R,2R,3S,4R,5R)-2,3,4-trihydroxy-5-[[[(2R,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxymethyl]cyclohexyl]oxyacetonitrile
<b>Molecular weight</b>	457.43
<b>Molecular formula</b>	C <sub>21</sub> H <sub>29</sub> NO <sub>10</sub>
<b>PubChem identifier</b>	16211172
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.

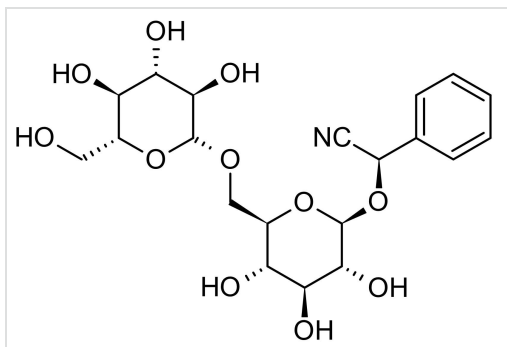
SMILES

C1C(C(C(C(C1OC(C#N)C2=CC=CC=C2)O)O)O)COC3C(C(C(C(O3)CO)O)O)O

Source

Synthetic

## Images



2D chemical structure image of ab142687, Amygdalin, Glycosidic antineoplastic agent

Chemical Structure - Amygdalin, Glycosidic antineoplastic agent (ab142687)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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