

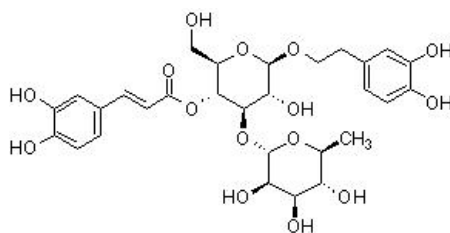
Product datasheet

Verbascoside, PKC inhibitor ab143730

1 Image

Overview

<b>Product name</b>	Verbascoside, PKC inhibitor
<b>Description</b>	PKC inhibitor. NF-κB inhibitor.
<b>Biological description</b>	PKC inhibitor. NF-κB inhibitor. Increases PARP-1 and p53. Induces cell cycle arrest and differentiation. Inhibits MMP (IC <sub>50</sub> = 32 μM). Shows anti-inflammatory, antinociceptive and antioxidant effects <i>in vivo</i> . Orally active.
<b>Purity</b>	> 98%
<b>CAS Number</b>	61276-17-3
<b>Chemical structure</b>	



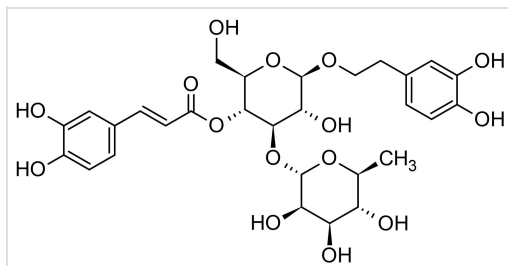
Properties

<b>Chemical name</b>	[(2 <i>R</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>R</i> ,6 <i>R</i> )-6-[2-(3,4-dihydroxyphenyl)ethoxy]-5-hydroxy-2-(hydroxymethyl)-4-[(2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>R</i> ,6 <i>S</i> )-3,4,5-trihydroxy-6-methyloxan-2-yl]oxyoxan-3-yl] ( <i>E</i> )-3-(3,4-dihydroxyphenyl)prop-2-enoate
<b>Molecular weight</b>	624.59
<b>Molecular formula</b>	C <sub>29</sub> H <sub>36</sub> O <sub>15</sub>
<b>PubChem identifier</b>	5281800
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<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** CC1C(C(C(C(O1)OC2C(C(OC(C2OC(=O)C=CC3=CC(=C(C=C3)O)O)CO)OCCC4=CC(=C(C=C4)O)O)O)O)O

**Source** Synthetic

## Images



2D chemical structure image of ab143730, Verbascoside, PKC inhibitor

Chemical Structure - Verbascoside, PKC inhibitor  
(ab143730)

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

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