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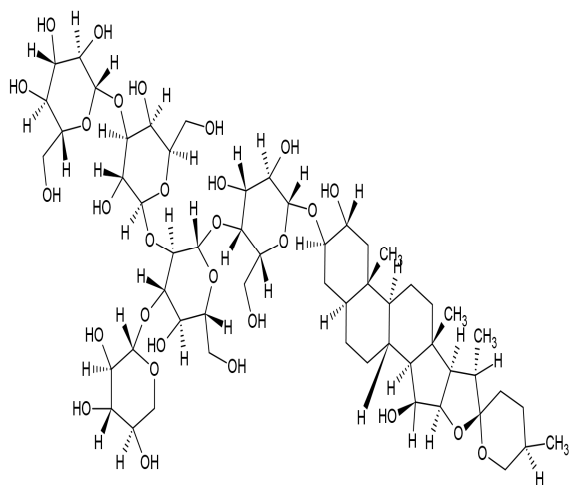
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## Digitonin, Water-Soluble

**ALTERNATE NAME:** (2*S*,3*R*,4*S*,5*S*,6*R*)-2-[(2*S*,3*R*,4*S*,5*S*,6*R*)-2-[(2*S*,3*R*,4*S*,5*R*,6*R*)-2-[(2*R*,3*R*,4*R*,5*R*,6*R*)-6-[(1*R*,2*S*,3*S*,4*R*,5'*R*,6*R*,7*S*,8*R*,9*S*,12*S*,13*S*,15*R*,16*R*,18*S*)-3,15-dihydroxy-5',7,9,13-tetramethylspiro[5-oxapentacyclo[10.8.0.0<sup>2,9</sup>.0<sup>4,8</sup>.0<sup>13,18</sup>]icosane-6,2'-oxane]-16-yl]oxy-4,5-dihydroxy-2-(hydroxymethyl)oxan-3-yl]oxy-5-hydroxy-6-(hydroxymethyl)-4-[(2*S*,3*R*,4*S*,5*R*)-3,4,5-trihydroxyoxan-2-yl]oxyoxan-3-yl]oxy-3,5-dihydroxy-6-(hydroxymethyl)oxan-4-yl]oxy-6-(hydroxymethyl)oxane-3,4,5-triol

**CATALOG #:** AUR11321

### STRUCTURE:



**MOLECULAR FORMULA:** C<sub>56</sub>H<sub>92</sub>O<sub>29</sub>

**MOLECULAR WEIGHT:** 1229.31

**CAS#:** 11024-24-1

**APPEARANCE:** White solid

**SOLUBILITY:** Warm H<sub>2</sub>O or warm EtOH

**PURITY:** ≥70% by TLC

**STORAGE:** Store at +2°C to +8°C; Protect from air and light

**DESCRIPTION:** Digitonin, a glycoside obtained from *Digitalis purpurea*, could increase cell permeability by binding to cholesterol molecules and reduce tumor growth. Digitonin is a natural detergent.

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