Procyanidin C1

Cat. No.: HY-N2342  
CAS No.: 37064-30-5  
Molecular Formula: C_{45}H_{38}O_{18}  
Molecular Weight: 866.77  
Target: Apoptosis  
Pathway: Apoptosis  
Storage: 4°C, protect from light  
* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

**BIOLOGICAL ACTIVITY**

<table>
<thead>
<tr>
<th>Description</th>
<th>Procyanidin C1 is a natural polyphenol, causes DNA damage, cell cycle arrest, and induces apoptosis. Procyanidin C1 decreases the level of Bcl-2, but enhances BAX, caspase 3 and 9 expression in cancer cells[1].</th>
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</thead>
<tbody>
<tr>
<td>IC_{50} &amp; Target</td>
<td>Apoptosis[1]</td>
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</tbody>
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**REFERENCES**