**Product datasheet**

**Ginsenoside Rb\textsubscript{1} ab142646**

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**Overview**

**Product name**  
Ginsenoside Rb\textsubscript{1}

**Description**  
Natural triterpenoid saponin with variety of biological activities

**Biological description**  
Natural triterpenoid saponin with variety of biological activities. Shown to promote adipogenesis.  
Active *in vitro* and *in vivo*.

**Purity**  
> 98%

**Properties**

**Chemical name**  
2-O-β-Glucopyranosyl-(3β,12β)-20-[(6-O-β-D-glucopyranosyl-β-D-glucopyranosyl)oxy]-12-hydroxydammar-24-en-3-yl β-D-glucopyranoside

**Molecular weight**  
1109.29

**Chemical structure**

![Chemical structure of Ginsenoside Rb1](image)

**Molecular formula**  
C\textsubscript{54}H\textsubscript{92}O\textsubscript{23}

**CAS Number**  
41753-43-9

**PubChem identifier**  
9898279

**Storage instructions**  
Store at +4°C. The product can be stored for up to 12 months.

**Solubility overview**  
Soluble in water and in ethanol

**Handling**  
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.
temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

**SMILES**

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**Source**

*Panax quinquefolius*

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"