Product datasheet

Asperosaponin VI (Akebia Saponin D), triterpene saponin  ab143574

Overview

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asperosaponin VI (Akebia Saponin D), triterpene saponin</td>
</tr>
<tr>
<td>Description</td>
</tr>
<tr>
<td>Anti-inflammatory, antioxidant agent</td>
</tr>
</tbody>
</table>

Biological description


Purity

> 98%

CAS Number

39524-08-8

Chemical structure

![Chemical structure image]

Properties

<table>
<thead>
<tr>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>[[2S,3R,4S,5S,6R]-3,4,5-Trihydroxy-6-[[3R,4S,5S,6R]-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxymethyl]oxan-2-yl] (6aR,6aS,6bR,9,12a-hexamethyl-10-[[2S,3R,4S,5S]-3,4,5-trihydroxoxan-2-yl]oxy-3,4,4a,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydro-1H-picene-4-carboxylate</td>
</tr>
</tbody>
</table>

Molecular weight

929.10

Molecular formula

C$_{47}$H$_{76}$O$_{18}$

PubChem identifier

71571505

Storage instructions

Store at Room Temperature. The product can be stored for up to 12 months.

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 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**
CC1(CC2C(CCC3(C2=CCC4C3(CCC5C4(CCC(C5(C)CO)OC6C(C(C(CO6)O)O)O)C)C)C( C1)C(=O)OC7C(C(C(O7)COC8C(C(C(O8)CO)O)O)O)O)O)O)C

**Source** Synthetic

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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