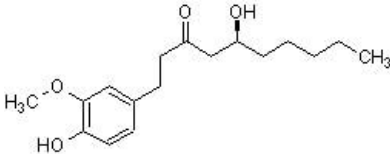


## Product datasheet

# 6-Gingerol, Anti-inflammatory agent ab145635

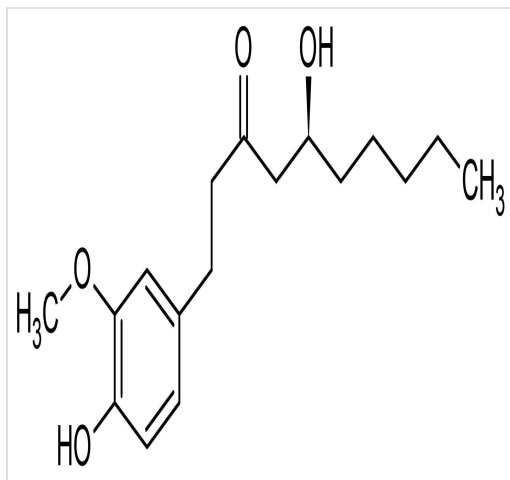
[1 References](#) [1 Image](#)

### Overview

<b>Product name</b>	6-Gingerol, Anti-inflammatory agent
<b>Description</b>	Apoptotic, antioxidant and anti-inflammatory agent. SERCA activator.
<b>Purity</b>	> 98%
<b>General notes</b>	This product is manufactured by BioVision, an Abcam company and was previously called 2507 Gingerol, 6-. 2507-25 is the same size as the 25 mg size of ab145635.
<b>CAS Number</b>	23513-14-6
<b>Chemical structure</b>	 <p>The chemical structure of 6-Gingerol is shown. It consists of a 4-hydroxy-3-methoxyphenyl ring attached to a decan-3-one chain at the 1-position. The decan-3-one chain has a hydroxyl group at the 5-position and a methyl group at the 6-position. The stereochemistry at the 5-position is (5S).</p>

### Properties

<b>Chemical name</b>	(5S)-5-Hydroxy-1-(4-hydroxy-3-methoxyphenyl)decan-3-one
<b>Molecular weight</b>	294.39
<b>Molecular formula</b>	C <sub>17</sub> H <sub>26</sub> O <sub>4</sub>
<b>PubChem identifier</b>	442793
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in ethanol and DMSO
<b>Handling</b>	<p>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.</p> <p>Toxic, refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
<b>SMILES</b>	<chem>CCCCC[C@@H](CC(=O)CCC1=CC(=C(C=C1)O)OC)O</chem>

**Images**

Chemical Structure - 6-Gingerol, Anti-inflammatory agent (ab145635)

2D chemical structure image of ab145635, 6-Gingerol, Anti-inflammatory agent

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