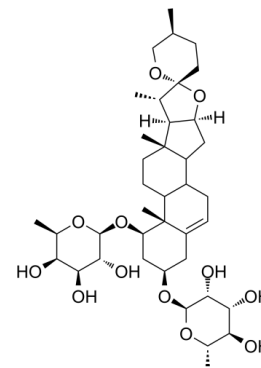


## Data Sheet

<b>Product Name:</b>	Liriopesides B
<b>Cat. No.:</b>	CS-0032526
<b>CAS No.:</b>	87425-34-1
<b>Molecular Formula:</b>	C <sub>39</sub> H <sub>62</sub> O <sub>12</sub>
<b>Molecular Weight:</b>	722.90
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Solubility:</b>	DMSO : 100 mg/mL (138.33 mM; Need ultrasonic)



### BIOLOGICAL ACTIVITY:

Liriopesides B (Nolinospinoside F) is a steroidal saponin isolated from *Ophiopogon japonicus*. Liriopesides B has anti-oxidative and anti-aging effects<sup>[1]</sup>. **In Vitro:** Liriopesides B (Nolinospinoside F) increases SIRT1 activity<sup>[1]</sup>.

### References:

[1]. Sun K, et al. A Steroidal Saponin from *Ophiopogon japonicus* Extends the Lifespan of Yeast via the Pathway Involved in SOD and UTH1. *Int J Mol Sci.* 2013 Feb 25;14(3):4461-75.

### CAIndexNames:

β-D-Galactopyranoside, (1β,3β,25S)-3-[(6-deoxy-α-L-mannopyranosyl)oxy]spirost-5-en-1-yl 6-deoxy-

### SMILES:

```
O[C@@H]([C@H]([C@H]([C@@H](C)O)O)O)[C@@H]1O[C@@H]2C[C@H](O[C@H]3[C@@H]([C@@H]([C@H]([C@H](C)O3)O)O)O)CC4=CCC5C6C[C@@]7(O[C@@]8(OC[C@@H](C)CC8)[C@@H](C)[C@@]7([C@]6(CCC5[C@@]24C)C)[H])[H]
```

**Caution: Product has not been fully validated for medical applications. For research use only.**

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