

# rac-GR24

Catalog: PHY0GR24

## Product Information

<b>Description:</b>	GR24 is a plant hormone that stimulates and regulates lateral shoot branching.
<b>Synonyms:</b>	(3aR*,8bS*,E)-3-(((R*)-4-methyl-5-oxo-2,5-dihydrofuran-2-yloxy)methylene)-3,3a,4,8b-tetrahydro-2H-indeno[1,2-b]furan-2-one, Strigolactone GR24, GR 24
<b>CAS Number:</b>	76974-79-3
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>14</sub> O <sub>5</sub>
<b>Molecular Weight:</b>	298.29
<b>Appearance:</b>	Solid
<b>Purity :</b>	≥98%
<b>Quantity:</b>	2mg
<b>Solubility:</b>	Acetone / Methanol / DMSO
<b>Storage Condition:</b>	2-8°C
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

## Application Example



**Figure.** GR24 treatment results in reduction of tiller in rice.

Lane 1: Wild type of rice.

Lane 2, 3, 4: *d10* (strigolactone-deficient mutant of rice).

The mutant of *d10* without rac-GR24 (lane 2);

The mutant of *d10* using rac-GR24 (lane 3, 4).