

rac-GR24

Catalog:PHY0GR24

Product Information

Description:	GR24 is a plant hormone that stimulates and regulates lateral shoot branching.
Synonyms:	(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
CAS Number:	76974-79-3
Molecular Formula:	C ₁₇ H ₁₄ O ₅
Molecular Weight:	298.29
Appearance:	Solid
Purity :	≥98%
Quantity:	25mg
Solubility:	Acetone / Methanol / DMSO
Storage Condition:	2-8°C
Shipping:	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).