

(+/-)-GR24

Cat. No. GRO-527

Lot. No. (See product label)



Product Name

(+/-)-GR24

Product Overview

Synthetic strigolactone analogue that has been shown to inhibit lateral shoot branching, stimulate germination of Striga (witchweeds), and aid in the symbiosis of more than 80% of terrestrial plants with fungi at arbuscular mycorrhizae in roots. This product is suitable for plant cell culture. CAS NO. 76974-79-3.

Form

Solid

Molecular Mass

298.29

Purity

≥98 %

Synonyms

(RAC)-GR24; [(±)-(3AR*,8BS*,E)-3-(((R*)-4-METHYL-5-OXO-2,5-DIHYDROFURAN-2-YLOXY)METHYLENE)-3,3A,4,8B-TETRAHYDRO2H-INDENO[1,2-B]FURAN-2-ONE]

Figure 1

GRO-527, 1

Solubility

DMSO

Molecular Formula

C₁₇H₁₄O₅.

Storage

Store at -20 centigrade.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY