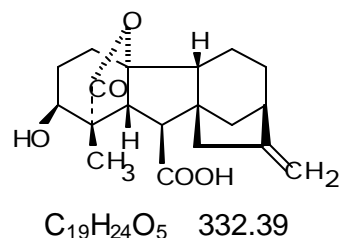


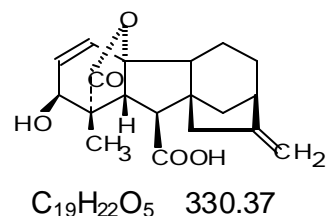
Gibberellin A₄₊₇ (GA₄₊₇)

CHEMICAL NAME

Gibberellin A₄: (3*S*,3*aR*,4*S*,4*aR*,7*R*,9*aR*,9*bR*,12*S*)-12-hydroxy-3-methyl-6-methylene-2-oxoperhydro-4a,7-methano-3,9-propano-azuleno[1,2-*b*]furan-4-carboxylic acid (IUPAC)



Gibberellin A₇: (3*S*,3*aR*,4*S*,4*aR*,7*R*,9*aR*,9*bR*,12*S*)-12-hydroxy-3-methyl-6-methylene-2-oxoperhydro-4a,7-methano-9*b*,3-propenoazuleno[1,2-*b*]furan-4-carboxylic acid



CA NAME AND RN

Gibberellin A₄: (1*a*,2*β*,4*aa*,4*bβ*,10*β*)-2,4a-dihydroxy-1-methyl-8-methylene-gibbane-1,10-dicarboxylic acid 1,4a-lactone(9CI) [468-44-0]

Gibberellin A₇: (1*a*,2*β*,4*aa*,4*bβ*,10*β*)-2,4a-dihydroxy-1-methyl-8-methylene-gibb-3-ene-1,10-dicarboxylic acid-1,4a-lactone(9CI) [510-75-8]

Note: GA₄₊₇ is supplied as a mixture with the following specification:

SPECIFICATION	Appearance:	White crystals
	Content (GA ₄ + GA ₇):	92.0%
	Melting point:	202-205°C

APPLICATIONS

GA₄₊₇ is a plant growth regulator used to reduce russetting in apples, increase the fruit set in pears, and increase the germination and yield of celery.