

(+)-Absciscic Acid - CAS 21293-29-8 - Calbiochem An isoprenoid plant hormone that acts as a growth regulator affecting leaf and fruit abscission and increases permeability of plant cells to water.

Art. ID SAF-5303390001
Unit EA
Deliverydetails No Dangerous Good /not restricted

Description

An isoprenoid plant hormone that acts as a growth regulator affecting leaf and fruit abscission and increases permeability of plant cells to water. Under osmotic stress conditions it alters the osmotic potential of stomatal guard cells, causing them to shrink and stomata to close. Also acts as a proton pump inhibitor. The trans form is shown to potentiate NMDA-gated currents in hippocampal neurons (EC₅₀ = 440 µM). Please note that the molecular weight for this compound is batch-specific due to variable water content., An isoprenoid plant hormone that acts as a growth regulator affecting leaf and fruit abscission and increases permeability of plant cells to water. Under osmotic stress conditions it alters the osmotic potential of stomatal guard cells, causing them to shrink and stomata to close. Also acts as a proton pump inhibitor. The trans form is shown to potentiate NMDA-gated currents in hippocampal neurons (EC₅₀ = 440 µM).

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(+)-cis,trans-Absciscic Acid	[21293-29-8]				