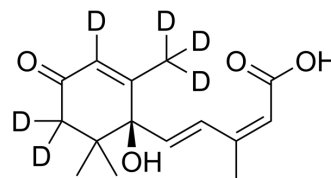


Abscisic acid-d₆

Cat. No.:	HY-100560S
CAS No.:	721948-65-8
Molecular Formula:	C ₁₅ H ₁₄ D ₆ O ₄
Molecular Weight:	270.35
Target:	Proton Pump
Pathway:	Membrane Transporter/Ion Channel
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Abscisic acid-d₆ is deuterium labeled Abscisic acid. Abscisic acid inhibits proton pump (H⁺-ATPase)[1].

REFERENCES

[1]. Mathias Brault, et al. Plasma membrane depolarization induced by abscisic acid in Arabidopsis suspension cells involves reduction of proton pumping in addition to anion channel activation, which are both Ca²⁺ dependent. Plant Physiol. 2004 May;135(1):231-43.

Caution: Product has not been fully validated for medical applications. For research use only.

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