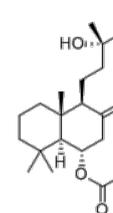


Product Name : Larixyl acetate
Cat. No. : PC-60610
CAS No. : 4608-49-5
Molecular Formula : C₂₂H₃₆O₃
Molecular Weight : 348.527
Target : TRP Channel
Solubility : 10 mM in DMSO



Biological Activity

Larixyl acetate is a potent, selective **TRPC6** channel inhibitor with IC₅₀ of 0.1-0.6 μM, 12- and 5-fold selectivity over related TRPC3 and TRPC7.

Larixyl acetate inhibits native TRPC6-like [Ca(2+)]_i signals in diacylglycerol-stimulated rat pulmonary artery smooth muscle cells.

Larixyl acetate prevents acute hypoxia-induced vasoconstriction in isolated mouse lungs.

References

Urban N, et al. *Mol Pharmacol*. 2016 Jan;89(1):197-213.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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