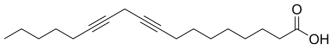
Ro 3-1314

Cat. No.:	HY-N8276
CAS No.:	2012-14-8
Molecular Formula:	$C_{18}H_{28}O_2$
Molecular Weight:	276.41
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	Ro 3-1314 (9a,12a-Octadecadiynoic acid) is a plant lipoxygenase inhibitor. Ro 3-1314 is a linoleic acid metabolism inhibitor. Ro 3-1314 stimulates the antigen-induced contraction of guinea-pig tracheal spirals and the immunological release of slow reacting substance of anaphylaxis (SRS-A) from actively sensitized guinea-pig lung fragments[1].

REFERENCES

[1]. M Hitchcock, et al. Arachidonic acid metabolism and modulation of in vitro anaphylaxis by 5,8,11,14-eicosatetraynoic acid and 9a,12a-octadecadiynoic acid. Br J Pharmacol. 1981 Apr;72(4):689-95.

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

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