

## Lipoxygenase

## Chemical Properties

CAS No. : 9029-60-1

Formula:

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Lipoxygenase (LOX) is a dioxygenase that catalyzes the peroxidation of linoleic acid (LA) or arachidonic acid (AA) in the presence of molecular oxygen.
Targets(IC50)	Endogenous Metabolite

## Reference

Snodgrass RG, et al. Regulation and Functions of 15-Lipoxygenases in Human Macrophages. Front Pharmacol. 2019 Jul 4;10:719.

Wisastra R, et al. Inflammation, Cancer and Oxidative Lipoxygenase Activity are Intimately Linked. Cancers (Basel). 2014 Jul 17;6(3):1500-21.

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