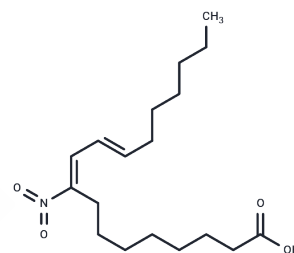


## 9(E),11(E)-9-nitro Conjugated Linoleic Acid

## Chemical Properties

CAS No. :	1417651-32-1
Formula:	C18H31NO4
Molecular Weight:	325.44
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	9(E),11(E)-9-nitro Conjugated Linoleic Acid (9E,11E-9-nitro CLA) is a nitrated fatty acid produced from 9Z,11E-CLA through exposure to acidified nitrite, peroxyxynitrite, gaseous nitrogen dioxide, or the combined action of myeloperoxidase, hydrogen peroxide, and nitrite. Additionally, it forms in LPS-stimulated RAW 264.7 macrophages, a process that can be inhibited by the nitric oxide synthase (NOS) inhibitor L-NAME. This compound has also been detected in human plasma.
Targets(IC50)	Others,Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0728 mL	15.3638 mL	30.7276 mL
5 mM	0.6146 mL	3.0728 mL	6.1455 mL
10 mM	0.3073 mL	1.5364 mL	3.0728 mL
50 mM	0.0615 mL	0.3073 mL	0.6146 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481