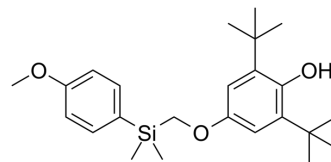


LDL-IN-3

| | |
|--------------------|---|
| Cat. No.: | HY-U00054 |
| CAS No.: | 180908-67-2 |
| Molecular Formula: | C ₂₄ H ₃₆ O ₃ Si |
| Molecular Weight: | 400.63 |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|--------------------|--|
| Description | LDL-IN-3 is an anti-atherosclerotic compound extracted from patent WO/2005/039596A1, example C25 and patent US 6133467, example 3. |
| In Vitro | LDL-IN-3 is antioxidant which inhibits low density lipoprotein (LDL) lipid peroxidation and is useful as anti-atherosclerotic agents ^{[1][2]} . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |
| In Vivo | LDL-IN-3 decreases serum cholesterol, TBARS and the amount of aortic lesions (57 %) in comparison with control rabbits. LDL-IN-3 is found in very high concentrations in the serum (182.4 µg/mL) and livers (323 µg/mL) ^{[1][2]} . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. WO/2005/039596A1

[2]. US 6133467

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA