

15-LOX-1 inhibitor 2

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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

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| Description | 15-LOX-1 inhibitor 2 (Compound 5i) is a potent inhibitor of 15-lipoxygenase-1 (15-LOX-1), with an IC50 of 1.7 μ M. By inhibiting the activity of the 15-LOX-1 enzyme, it reduces the production of lipid peroxides, thereby preventing lipid peroxidation and protecting cells from RSL3-induced cell death. This compound is valuable for research into cell death mechanisms and oxidative stress-related conditions. |
| Targets(IC50) | Lipoxygenase |

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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