

COX-2/LOX-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>30</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub>

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

Description	COX-2/LOX-IN-1 (compound 5) is a dual inhibitor of COX-2 and LOX enzymes, exhibiting IC <sub>50</sub> values of 0.55 μM for COX-2 and 30 μM for LOX.
Targets(IC <sub>50</sub> )	COX,Lipoxygenase
In vitro	COX-2/LOX-IN-1 (100 μM) reduces lipid peroxidation with an inhibitory efficiency of 36%.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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