

COX-2-IN-48

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

Description	COX-2-IN-48 (5-25) serves as an inhibitor of COX-2, exhibiting an IC50 of 51.7 nM against human COX-2. It displays anti-inflammatory and analgesic effects in various rodent models through inhibition of the NF-κB pathway. COX-2-IN-48 (5-25) inhibits the degradation of IκB, phosphorylation and nuclear translocation of NF-κB p65, and the expression of COX-2 and iNOS.
Targets(IC50)	NF-κB,NO Synthase,COX

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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