

NBD-2

## Chemical Properties

CAS No. :

Formula: C73H86F8N14O17S2

Molecular Weight:

Keep away from moisture

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	NBD-2 is an inhibitor targeting the NEMO-IKK $\alpha$ / $\beta$ interaction within the NF- $\kappa$ B signaling pathway. It can specifically suppress the canonical NF- $\kappa$ B signaling both in vitro and in vivo, thereby reducing the inflammatory response in acute lung injury (ALI) induced by lipopolysaccharide (LPS). NBD-2 demonstrates significant anti-inflammatory activity and is applicable for research on diseases related to the NF- $\kappa$ B signaling pathway, such as autoimmune disorders and cancer.
Targets(IC50)	NF- $\kappa$ B

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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