

## NOD1 antagonist-1

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>32</sub>N<sub>4</sub>O<sub>2</sub>S

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	NOD1 antagonist-1 (compound 37) acts as an antagonist to NOD1 and exhibits a slight selectivity between NOD1 and NOD2, with IC <sub>50</sub> values of 9.18 μM and 20.8 μM, respectively.
Targets(IC <sub>50</sub> )	NOD-like Receptor (NLR)
In vitro	NOD1 antagonist-1 (25 μM, 1 h) suppresses the transcriptional activation of NF-κB in HEK-Blue cells and exhibits low toxicity (25 μM, 18 h).

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