

NLRP3-IN-46

## 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   | NLRP3-IN-46 (Compound 3k) activates the cholinergic anti-inflammatory pathway involved in neuro-immune modulation, thereby inhibiting the activation of the NLRP3 inflammasome. Furthermore, NLRP3-IN-46 suppresses the production of IL-1 $\beta$ in THP-1 cells induced by Uric acid sodium, making it relevant for research in gouty arthritis. |
| Targets(IC50) | NOD-like Receptor (NLR)  |

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