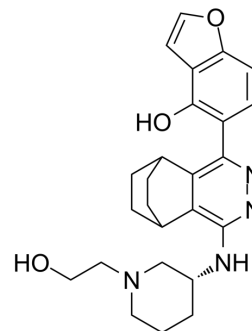


## NLRP3-IN-44

Cat. No.:	HY-162846
CAS No.:	3040298-34-5
Molecular Formula:	C <sub>25</sub> H <sub>30</sub> N <sub>4</sub> O <sub>3</sub>
Molecular Weight:	434.53
Target:	NOD-like Receptor (NLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

NLRP3-IN-44 (compound P33) is a potent and orally active (approximately 62%) inhibitor of NLRP3, with the K<sub>d</sub> of 17.5 nM. NLRP3-IN-44 plays an important for studying NLRP3 inflammasome-mediated diseases<sup>[1]</sup>.

### REFERENCES

[1]. Zhiyuan Fu, et al. Discovery of Potent, Specific, and Orally Available NLRP3 Inflammasome Inhibitors Based on Pyridazine Scaffolds for the Treatment of Septic Shock and Peritonitis. *J Med Chem.* 2024 Sep 12;67(17):15711-15737.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA