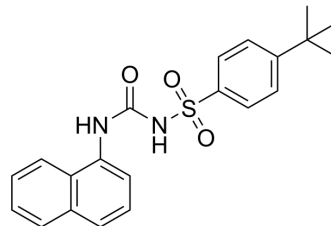


## NLRP3-IN-29

Cat. No.:	HY-157555
CAS No.:	2198483-40-6
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight:	382.48
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-29(Compound 5M) is an inhibitor of NLR family pyrin domain containing 3 (NLRP3). NLRP3-IN-29 has the potential for blood-brain barrier permeability and inflammation inhibition both in vivo and in vitro. NLRP3-IN-29 can be used for research on Alzheimer's disease<sup>[1]</sup>.

### REFERENCES

[1]. Kim EY, et al. Structure-based design and synthesis of sulfonylureas as novel NLRP3 inhibitors for Alzheimer's disease. *Bioorg Med Chem Lett*. 2024 Jan 19;99:129622.

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

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