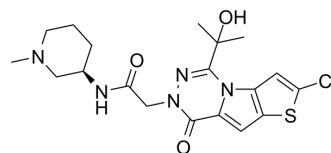


## NP3-562

Cat. No.:	HY-163159
CAS No.:	2409825-32-5
Molecular Formula:	C <sub>19</sub> H <sub>24</sub> ClN <sub>5</sub> O <sub>3</sub> S
Molecular Weight:	437.94
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	NP3-562 is a potent, orally active, tricyclic NLRP3 Inhibitor, with an IC <sub>50</sub> of 214 nM. NP3-562 (30 mg/kg, p.o.) inhibits IL-1β release in a mouse acute peritonitis model <sup>[1]</sup> .
IC <sub>50</sub> & Target	NLRP3 214 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Juraj Velcicky, et al. Discovery of Potent, Orally Bioavailable, Tricyclic NLRP3 Inhibitors. J Med Chem. 2024 Jan 4.

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

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