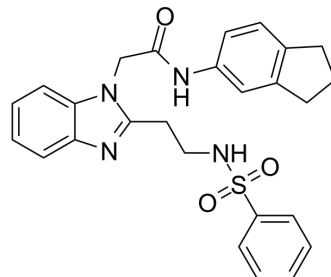


## NOD2 antagonist 1

Cat. No.:	HY-147506
CAS No.:	2411441-54-6
Molecular Formula:	C <sub>26</sub> H <sub>26</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	474.57
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	NOD2 antagonist 1 (compound 32) is a potent and selective NOD2 antagonist with an IC <sub>50</sub> of 5.23 μM. NOD2 antagonist 1 inhibits Muramyl dipeptide (MDP)-induced IL-8 secretion in THP-1 cells and inhibits MDP-induced IL-6, IL-10, TNF-α release in PBMCs <sup>[1]</sup> .
IC <sub>50</sub> & Target	NOD2 5.23 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Guzelj S, et al. Structural features and functional activities of benzimidazoles as NOD2 antagonists. *Eur J Med Chem.* 2020;190:112089.

**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