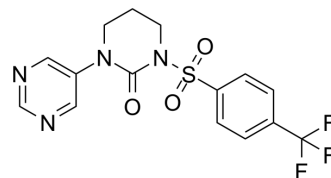


## AMS-17

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-146765   |
| Molecular Formula: | C <sub>15</sub> H <sub>13</sub> F <sub>3</sub> N <sub>4</sub> O <sub>3</sub> S            |
| Molecular Weight:  | 386.35  |
| 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               | AMS-17 is a potent NLRP3 inhibitor, inhibiting microglia activation in vitro and in vivo. AMS-17 also inhibits cytokines such as caspase-1, TNF- $\alpha$ , IL-1 $\beta$ and inducible nitric oxide synthase (iNOS) in N9 cells. AMS-17 can be used for researching inflammation-associated neurological disorders <sup>[1]</sup> . |
| IC <sub>50</sub> & Target | NLRP, Cytokines <sup>[1]</sup>  |

## REFERENCES

[1]. Zhang C, et al. Targeting NLRP3 signaling by a novel-designed sulfonylurea compound for inhibition of microglial inflammation. Bioorg Med Chem.

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

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