

## Metelimumab

Cat. No.:	HY-P99305
CAS No.:	272780-74-2
Target:	TGF- $\beta$ Receptor
Pathway:	TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Metelimumab (CAT-192) is a human IgG4 monoclonal antibody that can selectively neutralize TGF $\beta$ 1 <sup>[1]</sup> .
IC <sub>50</sub> & Target	TGF $\beta$ 1 <sup>[1]</sup>
In Vitro	Metelimumab (0.5 pg/mL-50 $\mu$ g/mL) inhibits TGF $\beta$ 1-stimulated IL-11 production in an A549 cell <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Lord DM, et, al. Structure-based engineering to restore high affinity binding of an isoform-selective anti-TGF $\beta$ 1 antibody. *MAbs*. 2018 Apr;10(3):444-452.

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

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