

## Bentracimab

Cat. No.:	HY-P99469
CAS No.:	2260568-31-6
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Bentracimab (PB 2452) is a neutralizing monoclonal antibody that binds <a href="#">Ticagrelor</a> (HY-1006) and its major active circulating metabolite with high affinity. Bentracimab can rapidly reverse the antiplatelet effect of Ticagrelor <sup>[1]</sup> .
<b>In Vivo</b>	Bentracimab-bound Ticagrelor is primarily eliminated together with Bentracimab in the kidneys, and not recycled to the plasma <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

- [1]. Kathman SJ, et, al. Population pharmacokinetic-pharmacodynamic modeling of PB2452, a monoclonal antibody fragment being developed as a ticagrelor reversal agent, in healthy volunteers. *CPT Pharmacometrics Syst Pharmacol.* 2022 Jan;11(1):68-81.
- [2]. Almquist J, et, al. Unraveling the pharmacokinetic interaction of ticagrelor and MEDI2452 (Ticagrelor antidote) by mathematical modeling. *CPT Pharmacometrics Syst Pharmacol.* 2016 Jun;5(6):313-23.

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

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