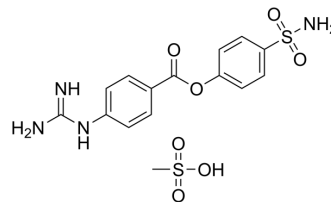


## ONO-3307

Cat. No.:	HY-19101
CAS No.:	76472-29-2
Molecular Formula:	C <sub>15</sub> H <sub>18</sub> N <sub>4</sub> O <sub>7</sub> S <sub>2</sub>
Molecular Weight:	430.46
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

ONO-3307 is a protease inhibitor that competitively inhibits a variety of proteases including trypsin, thrombin, plasma kallikrein, plasmin, pancreatic kallikrein, and chymotrypsin. ONO-3307 alleviates endotoxin-induced experimental disseminated intravascular coagulation (DIC) in rats. ONO-3307 can be used in the study of thrombosis and protease-mediated diseases<sup>[1][2]</sup>.

## REFERENCES

[1]. Yoshikawa T, et al. Protective effects of ONO-3307, a new synthetic protease inhibitor against experimental disseminated intravascular coagulation in rats. *Thromb Res.* 1990 Oct 1;60(1):1-7.

[2]. Matsuoka S, et al. Inhibitory effects of ONO-3307 on various proteases and tissue thromboplastin in vitro and on experimental thrombosis in vivo. *Jpn J Pharmacol.* 1989 Dec;51(4):455-63.

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

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