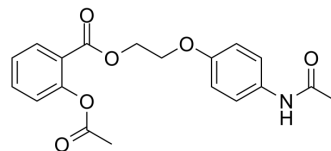


## Etersalate

Cat. No.:	HY-101606
CAS No.:	62992-61-4
Molecular Formula:	C <sub>19</sub> H <sub>19</sub> NO <sub>6</sub>
Molecular Weight:	357.36
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Etersalate inhibits platelet function and decreases thromboxane A <sub>2</sub> (TXA <sub>2</sub> ) levels.
IC <sub>50</sub> & Target	TXA <sub>2</sub>
In Vitro	Ex vivo antiplatelet properties of Etersalate and its effects on serum thromboxane A <sub>2</sub> (TXA <sub>2</sub> ) levels and prostaglandin I <sub>2</sub> (PGI <sub>2</sub> ) generation are studied in human volunteers at two levels of oral dosing. Etersalate inhibits at the lower dosage platelet function and decreased TXA <sub>2</sub> levels, but PGI <sub>2</sub> generation from rat aortic rings is stimulated when incubated with plasma from Etersalate-treated donors. Blood coagulation parameters remain within normal values. Etersalate administration can act on platelet arachidonate metabolism at a different level than that of the cyclooxygenase pathway <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ortega MP, et al. Effect of etersalate on human platelet responsiveness. A study in healthy volunteers. *Arzneimittelforschung*. 1987 Feb;37(2):214-7.

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

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