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**Product Data Sheet**

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Product Name: Etersalate (Eterylate)

Cat. No.: GC32540

**Chemical Properties**

Cas. No. 62992-61-4

SMILES O=C(OCCOC1=CC=C(NC(C)=O)C=C1)C2=CC=CC=C2OC(C)=OFormula  $C_{19}H_{19}NO_6$  M.Wt 357.36

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Etersalate inhibits platelet function and decreases thromboxane A2 (TXA2) levels.

Ex vivo antiplatelet properties of Etersalate and its effects on serum thromboxane A2 (TXA2) levels and prostaglandin I2 (PGI2) generation are studied in human volunteers at two levels of oral dosing. Etersalate inhibits at the lower dosage platelet function and decreased TXA2 levels, but PGI2 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[1].

[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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