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**Product Data Sheet**

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Product Name: Vapiprost hydrochloride

Cat. No.: GC66499

**Chemical Properties**

Cas. No. 87248-13-3

Formula  $C_{30}H_{40}ClNO_4$  M.Wt 514.1

Solubility 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**

Vapiprost hydrochloride is a thromboxane A2 receptor antagonist. Vapiprost inhibits the aggregation and ATP release stimulated with U-46619, collagen or arachidonic acid (AA) at an **IC<sub>50</sub>** of less than  $2.1 \times 10^{-8}$  M<sup>[1]</sup>.

[1]. Shuichi HORIE, et al. The Potent Inhibition of Vapiprost, a Novel Thromboxane A2 Receptor Antagonist, on the Secondary Aggregation and ATP Release of Human Platelets.

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

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