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**Product Data Sheet**

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Product Name: Veratraldehyde

Cat. No.: GC39730

**Chemical Properties**

Cas. No. 120-14-9

SMILES O=CC1=CC=C(OC)C(OC)=C1Formula  $C_9H_{10}O_3$ 

M.Wt 166.17

Solubility DMSO : 100 mg/mL (601.79 mM; Need ultrasonic) 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**

Veratraldehyde (3,4-dimethoxybenzaldehyde, VD, VAD, VAlD, Verapamil Related Compound E, Methylvanillin), a derivative of vanillin, is the chemical that is found and isolated from peppermint, ginger, bourbon vanilla, and fruits such as raspberry. Veratraldehyde is widely used as a flavorant and odorant because of its pleasant woody fragrance. Veratraldehyde also acts as a redox cycle agent.

[1] Hyun Wook Huh, et al. Molecules. 2020 Jun 17;25(12):2800.

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

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