

# VANILLIN PROPYLENE GLYCOL ACETAL

## BRI #830

### Description:

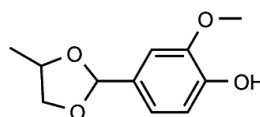
A rich, vanilla, sweet aroma with powdery, cocoa notes.

### Use:

Used to supplement vanillin; this material is stable in an alkali environment with little discoloration. It can extend vanillin while reducing discoloration, or extending the time until the product discolors.

## Fragrance Ingredient

**CAS Number:** 68527-74-2  
**FEMA Number:** 3905  
**FLAVIS Number:** 06.104  
**GB Number:** S0195



### DETAILS

**Chemical Name:** Vanillin PGA  
**Suggested Use Level:** 1.00 - 5.00%  
**Tenacity on Blotter:** >2 Weeks

**Molecular Weight:** 210.22  
**Molecular Formula:** C<sub>11</sub>H<sub>14</sub>O<sub>4</sub>

### SPECIFICATIONS

**Minimum Purity:** 97.0% (sum of isomers)  
• **Main Isomer:** 50.0% min.  
• **Secondary Isomer:** 0.1 - 50.0%  
**Appearance:** Slightly yellow viscous liquid  
**Additives:** None

### TECHNICAL

**Log P:** 1.090  
**Flash Point:** 320°F (CC)  
**Boiling Point:** 319.73°C (EPI 4.0)  
**Vapor Pressure:** 0.0000199 mmHg @ 20°C  
**Solubility:** Insoluble in water; soluble in alcohol  
**Nature Identical:** No

### STABILITY

pH	Base	Poor	Moderate	Good	Excellent
3	Fabric Softener			✓	
3.5	Antiperspirant			✓	
6	Shampoo	✓			
7	Dish Detergent	✓			
9	Liquid Detergent	✓			
7	Soy Wax-Burn Performance				✓