

PRODUCT NAME

AC-VBE

DESCRIPTION

AC-VBE is an active ingredient in personal care products to impart a warming sensation. When used at a certain rate with cooling agent, the warming effect or cooling effect can be increased. It is clear pale yellow liquid at room temperature. It is less irritant comparing with other warming agents.

PRODUCT IDENTIFICATION

INCI Name: Vanillyl Butyl Ether

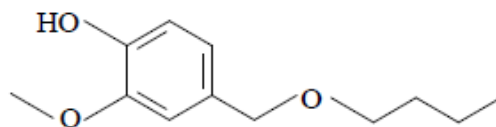
Chemical Name: 4-(butoxymethyl)-2-methoxyphenol

CAS No.: 82654-98-6

Chemical Formula: $C_{12}H_{18}O_3$

Molecular Weight: 210.27g/mol

Chemical Structure:

**SPECIFICATION**

ITEMS	SPECIFICATION
Appearance	Colorless to pale yellow liquid
Odor	Characteristic
Assay	98.0% Min
Refractive index	1.511-1.535

PROPERTIES

- Impart exotic warming sensation
- Enhance microcirculation
- Help stimulate hair growth
- Low irritation and long-lasting effect
- Applicable in clear gel system or emulsion systems
- Stable at a wide pH range (3 to 10)
- Convenient to use, added into formulation at a temperature below 40°C



STORAGE AND STABILITY

The product may be stored for 12 months from the date of manufacture in the unopened original container and at room temperature.

It should be protected from light, heat, oxygen and moisture. Keep container tightly closed. Once opened, use contents quickly.

APPLICATIONS

Used as warming sensation agent in cream, lotion, massage cream or oil, body wash, facial cleanser, oral care, etc.

DOSAGE

0.05-0.5%