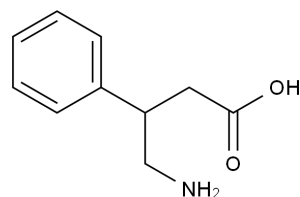


Product Name	: Methyl Vanillate
Synonyms	: Phenibut; Fenibut; Fenigam; Phenigam; Phenybut; PhGABA
Cat No.	: M10316
CAS Number	: 1078-21-3
Molecular Formula	: C ₁₀ H ₁₃ NO ₂
Formula Weight	: 179.21
Chemical Name	: 4-Amino-3-phenylbutyric acid



Description	: Methyl vanillate is Hovenia Dulcis Thunb extract and its ingredient methyl vanillate activate Wnt/ β -catenin pathway and increase bone mass in growing or ovariectomized mice. Methyl vanillate is considered to be a slightly soluble (in water) acidic compound. Methyl vanillate can be synthesized from vanillic acid. Methyl vanillate has been identified in foods such as cow's milk and beer.
Pathway	: Wnt/Notch/Hedgehog
Target	: Wnt/beta/catenin
Receptor	: GABAR
Solubility	: DMSO: 10 mM
SMILES	: <chem>O=C(O)CC(C1=CC=CC=C1)CN</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Cha PH, et al. PLoS One. 2014 Jan 22;9(1):e85546.