Propofol Sulfate (sodium salt)
Item No. 9002416

Formal Name: 1-(hydrogen sulfate) 2,6-bis(1-methylethyl)-phenol, monosodium salt
MF: C₁₂H₁₈O₄S • Na
FW: 281.3
Purity: ≥98%
Stability: ≥2 years at -20°C
Supplied as: A crystalline solid

Description

Propofol is a short-acting anesthetic agent that acts as a potentiator of the GABAₐ receptor (EC₅₀ = 10 µM).¹⁻⁴ It also has direct activation effects at the GABAₐ receptor, alters receptor desensitization and deactivation, and blocks channel activity.² Propofol shows little or no specificity among the diverse GABAₐ receptor subunits.² Intravenous injection of propofol is usually accompanied with pain due to activation of the transient receptor potential ankyrin 1 channel.⁵

References