Propofol β-D-Glucuronide

Item No. 19517

CAS Registry No.: 114991-26-3  
Formal Name: 2,6-bis(1-methylethyl)phenylβ-D-glucopyranosiduronic acid

MF: C_{18}H_{26}O_{7}  
FW: 354.4  
Purity: ≥98%  
UV/Vis.: λ_{max}: 211 nm  
Supplied as: A crystalline solid  
Storage: -20°C  
Stability: ≥2 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Propofol β-D-glucuronide is supplied as a crystalline solid. A stock solution may be made by dissolving the propofol β-D-glucuronide in the solvent of choice. Propofol β-D-glucuronide is soluble in organic solvents such as ethanol, methanol, and DMSO, which should be purged with an inert gas.

Description

Propofol β-D-glucuronide is a metabolite of propofol sulfate (Item No. 9002416), a short-acting anesthetic agent.\textsuperscript{1,2} The metabolite is generated through the glucuronidation of propofol by uridine diphosphate glucuronosyltransferases. Propofol metabolism appears to occur more rapidly in women than men.\textsuperscript{1}

References