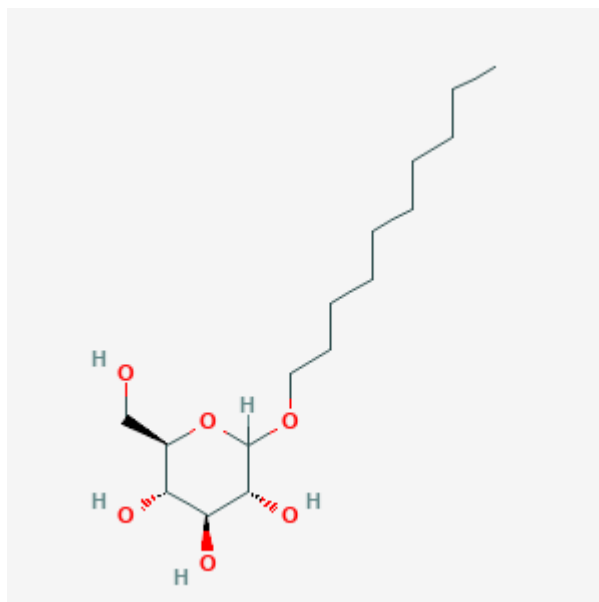


DECYL GLUCOSIDE

Molecular Formula: C₁₆H₃₂O₆

Molecular Weight: 320.426 g/mol



Decyl glucoside is a mild non-ionic surfactant used in cosmetic formulations including baby shampoo and in products for individuals with a sensitive skin. Many natural personal care companies use this cleanser because it is plant-derived, biodegradable, and gentle for all hair types.

Synthesis

Decyl glucoside is produced by the reaction of glucose from corn starch with the fatty alcohol decanol which is derived from coconut.