and_preserved_by2[4,23]

$\forall T$:Type, P, Q:($T{\to}$Prop), R:($T{\to}T{\to}T{\to}$Prop).
(ternary) R preserves $P \Rightarrow$ (ternary) R preserves $Q \Rightarrow$ (ternary) R preserves $P \wedge Q$