A	B	C	$(((A$	$\to$	$B)$	$\to$	$C)$	$\leftrightarrow$	$(A$	$\to$	$(B$	$\to$	$C)))$
T	T	T	T	T	T	T	T	$\mathbf{T}$	T	T	T	T	T
T	T	F	T	T	T	F	F	$\mathbf{T}$	T	F	T	F	F
T	F	T	T	F	F	T	T	$\mathbf{T}$	T	T	F	T	T
T	F	F	T	F	F	T	F	$\mathbf{T}$	T	T	F	T	F
F	T	T	F	T	T	T	T	$\mathbf{T}$	F	T	T	T	T
F	T	F	F	T	T	F	F	$\mathbf{F}$	F	T	T	F	F
F	F	T	F	T	F	T	T	$\mathbf{T}$	F	T	F	T	T
F	F	F	F	T	F	F	F	$\mathbf{F}$	F	T	F	T	F

These statements aren't logically equivalent, as the third 6th and 8th rows are false, and thus have a different truth value on the same inputs.