

**TABLE 2.6** Classification of  $\beta$ -turns based on the geometry of their second and third positions. Angle values are in degrees. <sup>[235]</sup>

Turn Type	Second Position		Third Position	
	$\phi$	$\psi$	$\phi$	$\psi$
I	-60	-30	-90	0
I'	+60	+30	+90	0
II	-60	+120	+80	0
II'	+60	-120	-80	0
IV	-61	+10	-53	+17
VIa1	-60	+120	-90	0
VIa2	-120	+120	-60	0
VIb	-135	+135	-75	+160
VII	-60	-30	-120	+120