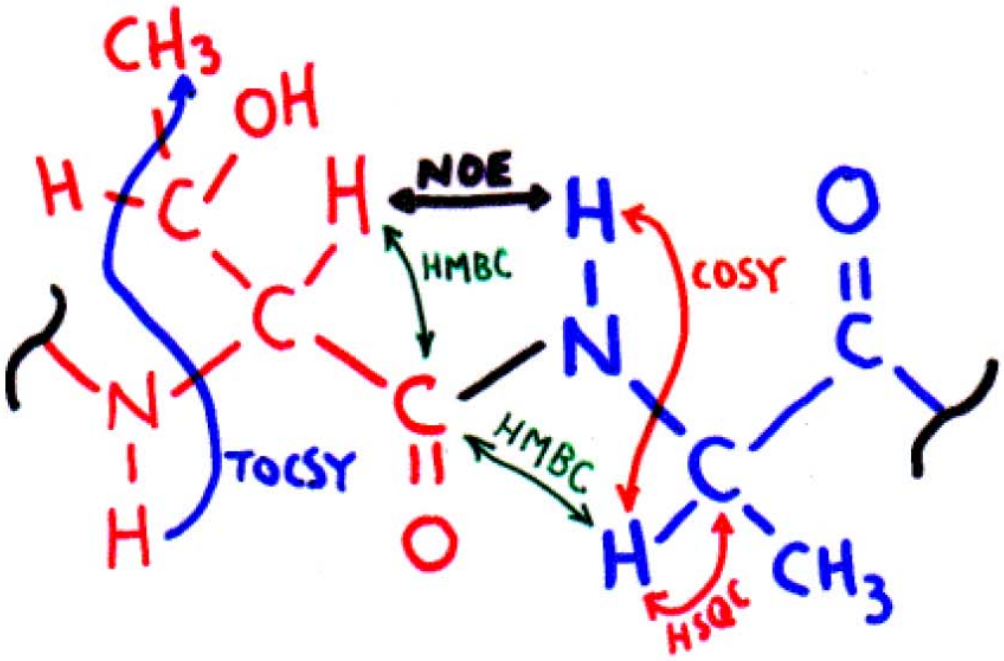
2D Connections (shift correlation)



Thr Ala

homonuclear	ROESY / NOESY	-H ⟷ H-	<5Å	½⁶ through space
	COSY	H-C-C-H	≤3 bonds	J_{HH}
	TOCSY	CH-CH-CH-CH	J_1, J_2, J_3	spin system
hetero	HSQC	C—H	one bond	$^1J_{CH}$
	HMBC	H-C-C-C	2-3 bond	$^{2,3}J_{CH}$