

Supplementary Material

Table S1. ^1H -NMR and ^{15}N NMR chemical shifts (ppm) for T11F in 95% H_2O /5% D_2O , pH 5.0 at 5 °C.

Residue	^{15}N	NH	αH	βH	γH	Others
Thr1	-	-	4.17	3.97	1.37	-
Cys2	123.6	9.07	4.62	2.98	-	-
Arg3	125.0	8.83	4.41	1.87,1.81	1.69,1.63	δH 3.32; NH 7.32
Val4	122.4	8.45	4.12	2.02	0.96,0.87	-
Asp5	123.7	8.74	4.70	2.88,2.79	-	-
His6	119.9	8.75	4.73	3.21,3.34	-	2H 8.65; 4H 7.33
Arg7	122.3	8.58	4.35	1.90,1.84	1.67	δH 3.22; NH 7.32
Gly8	110.1	8.63	4.01	-	-	-
Leu9	121.3	8.35	4.45	1.69,1.66	1.55	δH 0.96,0.92
Thr10	114.3	8.22	4.37	4.20	1.21	-
Phe11	124.0	8.31	4.66	3.23,3.07	-	2,6H 7.28, 3,5H 7.34