Action	Specifier	Input values	Output values
load	xyz	File name (string)	
	top	File name (string)	
save		1 Types (string) 2 File name (string)	
set	timestep	Time step (scalar – default 0.005)	
	temperature	Temperature (scalar – default 1.0)	
	cutoff	Max. cutoff (scalar – default 2.5)	
	omp	No. threads (int scalar – default 1)	
	exclusion	'bonded' or 'molecule' (string – default 'all')	
	temperaturerelax	Temp. relaxation time (scalar – default 0.01)	
	compressionfactor	Compression factor (scalar – default 0.99995)	
	types	Particle types (string)	
	skin	Buffer-skin for neighbourlist (scalar – default 0.25)	
	charges	Atom charges (vector)	
get	numbpart		Scalar
	box		Vector
	energies		Vector (E_{kin} , E_{pot})
	velocities		Matrix
	positions		Matrix
	forces		Matrix
	types		String
	molpositions		Matrix
	pressure		Scalar
calcforce	lj	1 Types (string) 2 Cutoff (scalar) 3 σ (scalar) 4 ε (scalar) 5 aw (scalar)	

bond	1 Bond type (int scalar) 2 Bond length (scalar) 3 Spring constant(scalar)
angle	1 Angle type (int scalar) 2 Eq. angle (scalar) 3 Spring constant (scalar)
torsion	1 Torsion type (int scalar) 2 Potential parameters (vector)
coulomb	1 Algorithm ("sf" or "wolf") 2 Cutoff (scalar) 3 <opt "wolf":="" for=""> Screening (Scalar)</opt>
lattice	1 Particle type (string) 2 Spring constant (scalar)
dpd	1 Types (string) 2 Cutoff (scalar) 3 Repulsion parameter (scalar) 4 σ (scalar)

integrate	leapfrog		
	dpd	λ (scalar)	

thermostate	relax	1 Particle type (string)2 Temperature (scalar)3 Thermostat relax time (scalar)	
	nosehoover	1 Particle type (string)2 Temperature (scalar)3 Thermostat mass (scalar)	

sample	vacf/mcvacf	1 Length vector (int scalar) 2 Time span (scalar)	
	sacf/msacf	1 Length vector (int scalar) 2 Time span (scalar)	
	hydrocorrelations/ mhydrocorrelations	1 Length vector (int scalar)2 Time span (scalar)3 No. wavevectors (int scalar)	
	profiles	1 Particle type (string)2 Length vector (int scalar)3 Sample freq. (int scalar)	
	msd	1 Length vector (int scalar)2 Time span (scalar)3 No. wavevectors (int scalar)4 Particle type (string)	
	do		
task	lj	1 Types (string) 2 Cutoff (scalar) 3 σ (scalar)	

	4 ε (scalar) 5 Block no.
bond	1 Bond type (int scalar)2 Bond length (scalar)3 Spring constant(scalar)4 Block no.
angle	1 Angle type (int scalar)2 Eq. angle (scalar)3 Spring constant (scalar)4 Block no.
torsion	1 Torsion type (int scalar)2 Potential parameters (vector)3 Block no.
coulomb	1 Cutoff (scalar) 2 Block no.
do	1 Total no. blocks

compress		Target density	
add	force	1 Forces (vector) 2 Direction (int scalar)	

clear