

# BDP-nitrophenyl solute

optS0

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	3.64e-05	4.57e-05	3.01e-05	1.40e-04
DMF	3.64e-05	0.00e+00	9.21e-06	6.33e-06	1.76e-04
DMSO	4.57e-05	9.21e-06	0.00e+00	1.55e-05	1.86e-04
Methanol	3.01e-05	6.33e-06	1.55e-05	0.00e+00	1.70e-04
THF	1.40e-04	1.76e-04	1.86e-04	1.70e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.93e-03	9.94e-03	6.54e-03	3.01e-02
DMF	7.93e-03	0.00e+00	2.02e-03	1.40e-03	3.81e-02
DMSO	9.94e-03	2.02e-03	0.00e+00	3.41e-03	4.01e-02
Methanol	6.54e-03	1.40e-03	3.41e-03	0.00e+00	3.67e-02
THF	3.01e-02	3.81e-02	4.01e-02	3.67e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	8.83e-03	1.10e-02	7.31e-03	3.36e-02
DMF	8.83e-03	0.00e+00	2.22e-03	1.54e-03	4.24e-02
DMSO	1.10e-02	2.22e-03	0.00e+00	3.74e-03	4.46e-02
Methanol	7.31e-03	1.54e-03	3.74e-03	0.00e+00	4.09e-02
THF	3.36e-02	4.24e-02	4.46e-02	4.09e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	2.88e+00	3.99e+00	2.36e+00	7.89e+00
DMF	2.88e+00	0.00e+00	1.37e+00	5.90e-01	9.75e+00
DMSO	3.99e+00	1.37e+00	0.00e+00	1.90e+00	1.04e+01
Methanol	2.36e+00	5.90e-01	1.90e+00	0.00e+00	9.42e+00
THF	7.89e+00	9.75e+00	1.04e+01	9.42e+00	0.00e+00

optS1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.97e-05	8.74e-05	5.76e-05	2.65e-04
DMF	6.97e-05	0.00e+00	1.77e-05	1.21e-05	3.35e-04
DMSO	8.74e-05	1.77e-05	0.00e+00	2.98e-05	3.53e-04
Methanol	5.76e-05	1.21e-05	2.98e-05	0.00e+00	3.23e-04
THF	2.65e-04	3.35e-04	3.53e-04	3.23e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	9.34e-03	1.17e-02	7.70e-03	3.59e-02
DMF	9.34e-03	0.00e+00	2.33e-03	1.65e-03	4.53e-02
DMSO	1.17e-02	2.33e-03	0.00e+00	3.97e-03	4.76e-02
Methanol	7.70e-03	1.65e-03	3.97e-03	0.00e+00	4.36e-02
THF	3.59e-02	4.53e-02	4.76e-02	4.36e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.08e-02	1.35e-02	8.93e-03	4.24e-02
DMF	1.08e-02	0.00e+00	2.69e-03	1.89e-03	5.31e-02
DMSO	1.35e-02	2.69e-03	0.00e+00	4.56e-03	5.58e-02
Methanol	8.93e-03	1.89e-03	4.56e-03	0.00e+00	5.13e-02
THF	4.24e-02	5.31e-02	5.58e-02	5.13e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.34e+00	1.77e+00	1.14e+00	4.87e+00
DMF	1.34e+00	0.00e+00	4.77e-01	2.31e-01	6.02e+00
DMSO	1.77e+00	4.77e-01	0.00e+00	6.52e-01	6.39e+00
Methanol	1.14e+00	2.31e-01	6.52e-01	0.00e+00	5.85e+00
THF	4.87e+00	6.02e+00	6.39e+00	5.85e+00	0.00e+00

optR1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	5.79e-05	7.26e-05	4.78e-05	2.20e-04
DMF	5.79e-05	0.00e+00	1.47e-05	1.01e-05	2.78e-04
DMSO	7.26e-05	1.47e-05	0.00e+00	2.48e-05	2.93e-04
Methanol	4.78e-05	1.01e-05	2.48e-05	0.00e+00	2.68e-04
THF	2.20e-04	2.78e-04	2.93e-04	2.68e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.05e-02	1.31e-02	8.66e-03	3.97e-02
DMF	1.05e-02	0.00e+00	2.63e-03	1.82e-03	5.01e-02
DMSO	1.31e-02	2.63e-03	0.00e+00	4.45e-03	5.27e-02
Methanol	8.66e-03	1.82e-03	4.45e-03	0.00e+00	4.83e-02
THF	3.97e-02	5.01e-02	5.27e-02	4.83e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.35e-02	1.68e-02	1.12e-02	5.19e-02
DMF	1.35e-02	0.00e+00	3.38e-03	2.31e-03	6.54e-02
DMSO	1.68e-02	3.38e-03	0.00e+00	5.68e-03	6.88e-02
Methanol	1.12e-02	2.31e-03	5.68e-03	0.00e+00	6.31e-02
THF	5.19e-02	6.54e-02	6.88e-02	6.31e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.46e+00	1.82e+00	1.20e+00	4.51e+00
DMF	1.46e+00	0.00e+00	3.87e-01	2.72e-01	5.67e+00
DMSO	1.82e+00	3.87e-01	0.00e+00	6.54e-01	5.96e+00
Methanol	1.20e+00	2.72e-01	6.54e-01	0.00e+00	5.47e+00
THF	4.51e+00	5.67e+00	5.96e+00	5.47e+00	0.00e+00

# BDP-phenyl solute

optS0

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	3.52e-05	4.40e-05	2.91e-05	1.35e-04
DMF	3.52e-05	0.00e+00	8.88e-06	6.11e-06	1.70e-04
DMSO	4.40e-05	8.88e-06	0.00e+00	1.50e-05	1.79e-04
Methanol	2.91e-05	6.11e-06	1.50e-05	0.00e+00	1.64e-04
THF	1.35e-04	1.70e-04	1.79e-04	1.64e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.97e-03	9.97e-03	6.55e-03	3.01e-02
DMF	7.97e-03	0.00e+00	2.01e-03	1.42e-03	3.81e-02
DMSO	9.97e-03	2.01e-03	0.00e+00	3.43e-03	4.01e-02
Methanol	6.55e-03	1.42e-03	3.43e-03	0.00e+00	3.67e-02
THF	3.01e-02	3.81e-02	4.01e-02	3.67e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.39e-03	9.29e-03	6.10e-03	2.80e-02
DMF	7.39e-03	0.00e+00	1.92e-03	1.31e-03	3.54e-02
DMSO	9.29e-03	1.92e-03	0.00e+00	3.21e-03	3.73e-02
Methanol	6.10e-03	1.31e-03	3.21e-03	0.00e+00	3.41e-02
THF	2.80e-02	3.54e-02	3.73e-02	3.41e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.39e+00	1.68e+00	1.19e+00	5.23e+00
DMF	1.39e+00	0.00e+00	3.31e-01	2.34e-01	6.28e+00
DMSO	1.68e+00	3.31e-01	0.00e+00	5.58e-01	6.50e+00
Methanol	1.19e+00	2.34e-01	5.58e-01	0.00e+00	6.13e+00
THF	5.23e+00	6.28e+00	6.50e+00	6.13e+00	0.00e+00

optS1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.64e-05	9.57e-05	6.31e-05	2.91e-04
DMF	7.64e-05	0.00e+00	1.93e-05	1.33e-05	3.67e-04
DMSO	9.57e-05	1.93e-05	0.00e+00	3.26e-05	3.86e-04
Methanol	6.31e-05	1.33e-05	3.26e-05	0.00e+00	3.54e-04
THF	2.91e-04	3.67e-04	3.86e-04	3.54e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	8.87e-03	1.11e-02	7.29e-03	3.43e-02
DMF	8.87e-03	0.00e+00	2.26e-03	1.58e-03	4.32e-02
DMSO	1.11e-02	2.26e-03	0.00e+00	3.83e-03	4.54e-02
Methanol	7.29e-03	1.58e-03	3.83e-03	0.00e+00	4.16e-02
THF	3.43e-02	4.32e-02	4.54e-02	4.16e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	8.84e-03	1.11e-02	7.28e-03	3.46e-02
DMF	8.84e-03	0.00e+00	2.23e-03	1.57e-03	4.34e-02
DMSO	1.11e-02	2.23e-03	0.00e+00	3.79e-03	4.56e-02
Methanol	7.28e-03	1.57e-03	3.79e-03	0.00e+00	4.19e-02
THF	3.46e-02	4.34e-02	4.56e-02	4.19e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	8.95e+00	9.23e+00	8.57e+00	1.19e+01
DMF	8.95e+00	0.00e+00	1.55e+00	1.79e+00	1.52e+01
DMSO	9.23e+00	1.55e+00	0.00e+00	3.08e+00	1.59e+01
Methanol	8.57e+00	1.79e+00	3.08e+00	0.00e+00	1.46e+01
THF	1.19e+01	1.52e+01	1.59e+01	1.46e+01	0.00e+00

optR1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.07e-05	7.61e-05	5.01e-05	2.30e-04
DMF	6.07e-05	0.00e+00	1.54e-05	1.06e-05	2.91e-04
DMSO	7.61e-05	1.54e-05	0.00e+00	2.59e-05	3.06e-04
Methanol	5.01e-05	1.06e-05	2.59e-05	0.00e+00	2.80e-04
THF	2.30e-04	2.91e-04	3.06e-04	2.80e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.18e-02	1.48e-02	9.70e-03	4.46e-02
DMF	1.18e-02	0.00e+00	2.99e-03	2.10e-03	5.63e-02
DMSO	1.48e-02	2.99e-03	0.00e+00	5.08e-03	5.93e-02
Methanol	9.70e-03	2.10e-03	5.08e-03	0.00e+00	5.43e-02
THF	4.46e-02	5.63e-02	5.93e-02	5.43e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.33e-02	1.67e-02	1.10e-02	5.13e-02
DMF	1.33e-02	0.00e+00	3.38e-03	2.27e-03	6.45e-02
DMSO	1.67e-02	3.38e-03	0.00e+00	5.64e-03	6.79e-02
Methanol	1.10e-02	2.27e-03	5.64e-03	0.00e+00	6.23e-02
THF	5.13e-02	6.45e-02	6.79e-02	6.23e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.16e+00	1.45e+00	9.55e-01	4.09e+00
DMF	1.16e+00	0.00e+00	2.98e-01	2.12e-01	5.11e+00
DMSO	1.45e+00	2.98e-01	0.00e+00	5.07e-01	5.37e+00
Methanol	9.55e-01	2.12e-01	5.07e-01	0.00e+00	4.93e+00
THF	4.09e+00	5.11e+00	5.37e+00	4.93e+00	0.00e+00

# BDP-PP-phenyl solute

optS0

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	3.05e-05	3.82e-05	2.52e-05	1.17e-04
DMF	3.05e-05	0.00e+00	7.70e-06	5.30e-06	1.48e-04
DMSO	3.82e-05	7.70e-06	0.00e+00	1.30e-05	1.56e-04
Methanol	2.52e-05	5.30e-06	1.30e-05	0.00e+00	1.43e-04
THF	1.17e-04	1.48e-04	1.56e-04	1.43e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	5.75e-03	7.20e-03	4.73e-03	2.17e-02
DMF	5.75e-03	0.00e+00	1.46e-03	1.04e-03	2.75e-02
DMSO	7.20e-03	1.46e-03	0.00e+00	2.48e-03	2.89e-02
Methanol	4.73e-03	1.04e-03	2.48e-03	0.00e+00	2.65e-02
THF	2.17e-02	2.75e-02	2.89e-02	2.65e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	5.29e-03	6.62e-03	4.35e-03	2.01e-02
DMF	5.29e-03	0.00e+00	1.34e-03	9.64e-04	2.54e-02
DMSO	6.62e-03	1.34e-03	0.00e+00	2.28e-03	2.67e-02
Methanol	4.35e-03	9.64e-04	2.28e-03	0.00e+00	2.45e-02
THF	2.01e-02	2.54e-02	2.67e-02	2.45e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	8.54e-01	1.06e+00	7.45e-01	2.74e+00
DMF	8.54e-01	0.00e+00	2.31e-01	1.25e-01	3.45e+00
DMSO	1.06e+00	2.31e-01	0.00e+00	3.43e-01	3.62e+00
Methanol	7.45e-01	1.25e-01	3.43e-01	0.00e+00	3.36e+00
THF	2.74e+00	3.45e+00	3.62e+00	3.36e+00	0.00e+00

optS1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	4.80e-05	6.02e-05	3.97e-05	1.83e-04
DMF	4.80e-05	0.00e+00	1.21e-05	8.34e-06	2.31e-04
DMSO	6.02e-05	1.21e-05	0.00e+00	2.05e-05	2.44e-04
Methanol	3.97e-05	8.34e-06	2.05e-05	0.00e+00	2.23e-04
THF	1.83e-04	2.31e-04	2.44e-04	2.23e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.10e-03	7.65e-03	5.08e-03	2.32e-02
DMF	6.10e-03	0.00e+00	1.56e-03	1.03e-03	2.93e-02
DMSO	7.65e-03	1.56e-03	0.00e+00	2.58e-03	3.09e-02
Methanol	5.08e-03	1.03e-03	2.58e-03	0.00e+00	2.83e-02
THF	2.32e-02	2.93e-02	3.09e-02	2.83e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.55e-03	8.25e-03	5.42e-03	2.48e-02
DMF	6.55e-03	0.00e+00	1.72e-03	1.14e-03	3.14e-02
DMSO	8.25e-03	1.72e-03	0.00e+00	2.84e-03	3.31e-02
Methanol	5.42e-03	1.14e-03	2.84e-03	0.00e+00	3.02e-02
THF	2.48e-02	3.14e-02	3.31e-02	3.02e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.63e+00	2.77e+00	1.54e+00	6.27e+00
DMF	1.63e+00	0.00e+00	1.59e+00	1.84e-01	7.31e+00
DMSO	2.77e+00	1.59e+00	0.00e+00	1.62e+00	8.10e+00
Methanol	1.54e+00	1.84e-01	1.62e+00	0.00e+00	7.23e+00
THF	6.27e+00	7.31e+00	8.10e+00	7.23e+00	0.00e+00

optR1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	4.28e-05	5.36e-05	3.53e-05	1.64e-04
DMF	4.28e-05	0.00e+00	1.08e-05	7.43e-06	2.06e-04
DMSO	5.36e-05	1.08e-05	0.00e+00	1.83e-05	2.17e-04
Methanol	3.53e-05	7.43e-06	1.83e-05	0.00e+00	1.99e-04
THF	1.64e-04	2.06e-04	2.17e-04	1.99e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	8.00e-03	9.99e-03	6.57e-03	3.00e-02
DMF	8.00e-03	0.00e+00	1.99e-03	1.44e-03	3.80e-02
DMSO	9.99e-03	1.99e-03	0.00e+00	3.42e-03	3.99e-02
Methanol	6.57e-03	1.44e-03	3.42e-03	0.00e+00	3.65e-02
THF	3.00e-02	3.80e-02	3.99e-02	3.65e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.89e-03	9.88e-03	6.53e-03	3.01e-02
DMF	7.89e-03	0.00e+00	2.00e-03	1.38e-03	3.80e-02
DMSO	9.88e-03	2.00e-03	0.00e+00	3.35e-03	4.00e-02
Methanol	6.53e-03	1.38e-03	3.35e-03	0.00e+00	3.66e-02
THF	3.01e-02	3.80e-02	4.00e-02	3.66e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.71e+01	1.47e+01	1.49e+01	9.55e+00
DMF	1.71e+01	0.00e+00	3.42e+00	2.27e+00	1.20e+01
DMSO	1.47e+01	3.42e+00	0.00e+00	4.95e+00	1.26e+01
Methanol	1.49e+01	2.27e+00	4.95e+00	0.00e+00	1.16e+01
THF	9.55e+00	1.20e+01	1.26e+01	1.16e+01	0.00e+00

# BDP-PP-phenyl\_OMes\_backward solute

optS0

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	3.17e-05	3.96e-05	2.62e-05	1.22e-04
DMF	3.17e-05	0.00e+00	7.99e-06	5.49e-06	1.53e-04
DMSO	3.96e-05	7.99e-06	0.00e+00	1.35e-05	1.61e-04
Methanol	2.62e-05	5.49e-06	1.35e-05	0.00e+00	1.48e-04
THF	1.22e-04	1.53e-04	1.61e-04	1.48e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	5.78e-03	7.25e-03	4.77e-03	2.21e-02
DMF	5.78e-03	0.00e+00	1.48e-03	1.03e-03	2.79e-02
DMSO	7.25e-03	1.48e-03	0.00e+00	2.49e-03	2.93e-02
Methanol	4.77e-03	1.03e-03	2.49e-03	0.00e+00	2.69e-02
THF	2.21e-02	2.79e-02	2.93e-02	2.69e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	5.38e-03	6.73e-03	4.47e-03	2.07e-02
DMF	5.38e-03	0.00e+00	1.37e-03	9.29e-04	2.61e-02
DMSO	6.73e-03	1.37e-03	0.00e+00	2.28e-03	2.74e-02
Methanol	4.47e-03	9.29e-04	2.28e-03	0.00e+00	2.52e-02
THF	2.07e-02	2.61e-02	2.74e-02	2.52e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.26e+00	1.57e+00	1.08e+00	4.17e+00
DMF	1.26e+00	0.00e+00	3.49e-01	2.06e-01	5.21e+00
DMSO	1.57e+00	3.49e-01	0.00e+00	5.31e-01	5.45e+00
Methanol	1.08e+00	2.06e-01	5.31e-01	0.00e+00	5.06e+00
THF	4.17e+00	5.21e+00	5.45e+00	5.06e+00	0.00e+00

optS1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	4.63e-05	5.80e-05	3.82e-05	1.77e-04
DMF	4.63e-05	0.00e+00	1.17e-05	8.04e-06	2.23e-04
DMSO	5.80e-05	1.17e-05	0.00e+00	1.97e-05	2.35e-04
Methanol	3.82e-05	8.04e-06	1.97e-05	0.00e+00	2.15e-04
THF	1.77e-04	2.23e-04	2.35e-04	2.15e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.00e-03	7.48e-03	4.94e-03	2.29e-02
DMF	6.00e-03	0.00e+00	1.50e-03	1.07e-03	2.89e-02
DMSO	7.48e-03	1.50e-03	0.00e+00	2.55e-03	3.04e-02
Methanol	4.94e-03	1.07e-03	2.55e-03	0.00e+00	2.79e-02
THF	2.29e-02	2.89e-02	3.04e-02	2.79e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.30e-03	7.85e-03	5.17e-03	2.41e-02
DMF	6.30e-03	0.00e+00	1.56e-03	1.16e-03	3.04e-02
DMSO	7.85e-03	1.56e-03	0.00e+00	2.70e-03	3.19e-02
Methanol	5.17e-03	1.16e-03	2.70e-03	0.00e+00	2.93e-02
THF	2.41e-02	3.04e-02	3.19e-02	2.93e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	3.76e+00	4.67e+00	3.57e+00	1.52e+01
DMF	3.76e+00	0.00e+00	1.44e+00	8.56e-01	1.86e+01
DMSO	4.67e+00	1.44e+00	0.00e+00	1.74e+00	1.76e+01
Methanol	3.57e+00	8.56e-01	1.74e+00	0.00e+00	1.84e+01
THF	1.52e+01	1.86e+01	1.76e+01	1.84e+01	0.00e+00

optR1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	4.26e-05	5.34e-05	3.52e-05	1.63e-04
DMF	4.26e-05	0.00e+00	1.08e-05	7.40e-06	2.06e-04
DMSO	5.34e-05	1.08e-05	0.00e+00	1.82e-05	2.16e-04
Methanol	3.52e-05	7.40e-06	1.82e-05	0.00e+00	1.98e-04
THF	1.63e-04	2.06e-04	2.16e-04	1.98e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.79e-03	9.78e-03	6.44e-03	2.96e-02
DMF	7.79e-03	0.00e+00	2.00e-03	1.35e-03	3.74e-02
DMSO	9.78e-03	2.00e-03	0.00e+00	3.35e-03	3.94e-02
Methanol	6.44e-03	1.35e-03	3.35e-03	0.00e+00	3.60e-02
THF	2.96e-02	3.74e-02	3.94e-02	3.60e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.88e-03	9.90e-03	6.55e-03	3.02e-02
DMF	7.88e-03	0.00e+00	2.03e-03	1.35e-03	3.81e-02
DMSO	9.90e-03	2.03e-03	0.00e+00	3.36e-03	4.01e-02
Methanol	6.55e-03	1.35e-03	3.36e-03	0.00e+00	3.68e-02
THF	3.02e-02	3.81e-02	4.01e-02	3.68e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	2.81e+00	3.37e+00	2.38e+00	1.23e+01
DMF	2.81e+00	0.00e+00	7.00e-01	5.53e-01	1.26e+01
DMSO	3.37e+00	7.00e-01	0.00e+00	1.17e+00	1.27e+01
Methanol	2.38e+00	5.53e-01	1.17e+00	0.00e+00	1.25e+01
THF	1.23e+01	1.26e+01	1.27e+01	1.25e+01	0.00e+00

# BDP-PP-phenyl\_OMes\_forward solute

optS0

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	3.25e-05	4.07e-05	2.68e-05	1.25e-04
DMF	3.25e-05	0.00e+00	8.21e-06	5.64e-06	1.57e-04
DMSO	4.07e-05	8.21e-06	0.00e+00	1.38e-05	1.65e-04
Methanol	2.68e-05	5.64e-06	1.38e-05	0.00e+00	1.51e-04
THF	1.25e-04	1.57e-04	1.65e-04	1.51e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.14e-03	7.70e-03	5.06e-03	2.33e-02
DMF	6.14e-03	0.00e+00	1.57e-03	1.09e-03	2.95e-02
DMSO	7.70e-03	1.57e-03	0.00e+00	2.64e-03	3.10e-02
Methanol	5.06e-03	1.09e-03	2.64e-03	0.00e+00	2.84e-02
THF	2.33e-02	2.95e-02	3.10e-02	2.84e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	5.65e-03	7.09e-03	4.69e-03	2.17e-02
DMF	5.65e-03	0.00e+00	1.45e-03	9.91e-04	2.73e-02
DMSO	7.09e-03	1.45e-03	0.00e+00	2.41e-03	2.88e-02
Methanol	4.69e-03	9.91e-04	2.41e-03	0.00e+00	2.64e-02
THF	2.17e-02	2.73e-02	2.88e-02	2.64e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.96e+00	2.44e+00	1.62e+00	5.32e+00
DMF	1.96e+00	0.00e+00	5.76e-01	4.14e-01	6.58e+00
DMSO	2.44e+00	5.76e-01	0.00e+00	9.42e-01	6.90e+00
Methanol	1.62e+00	4.14e-01	9.42e-01	0.00e+00	6.36e+00
THF	5.32e+00	6.58e+00	6.90e+00	6.36e+00	0.00e+00

optS1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	4.66e-05	5.84e-05	3.85e-05	1.78e-04
DMF	4.66e-05	0.00e+00	1.18e-05	8.10e-06	2.25e-04
DMSO	5.84e-05	1.18e-05	0.00e+00	1.99e-05	2.36e-04
Methanol	3.85e-05	8.10e-06	1.99e-05	0.00e+00	2.17e-04
THF	1.78e-04	2.25e-04	2.36e-04	2.17e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.20e-03	7.78e-03	5.12e-03	2.37e-02
DMF	6.20e-03	0.00e+00	1.59e-03	1.10e-03	2.99e-02
DMSO	7.78e-03	1.59e-03	0.00e+00	2.67e-03	3.15e-02
Methanol	5.12e-03	1.10e-03	2.67e-03	0.00e+00	2.89e-02
THF	2.37e-02	2.99e-02	3.15e-02	2.89e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	6.37e-03	7.97e-03	5.26e-03	2.45e-02
DMF	6.37e-03	0.00e+00	1.61e-03	1.12e-03	3.09e-02
DMSO	7.97e-03	1.61e-03	0.00e+00	2.71e-03	3.25e-02
Methanol	5.26e-03	1.12e-03	2.71e-03	0.00e+00	2.98e-02
THF	2.45e-02	3.09e-02	3.25e-02	2.98e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	2.95e+00	3.82e+00	2.78e+00	9.99e+00
DMF	2.95e+00	0.00e+00	1.18e+00	3.83e-01	1.15e+01
DMSO	3.82e+00	1.18e+00	0.00e+00	1.36e+00	1.20e+01
Methanol	2.78e+00	3.83e-01	1.36e+00	0.00e+00	1.14e+01
THF	9.99e+00	1.15e+01	1.20e+01	1.14e+01	0.00e+00

optR1

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	4.28e-05	5.36e-05	3.54e-05	1.64e-04
DMF	4.28e-05	0.00e+00	1.08e-05	7.44e-06	2.06e-04
DMSO	5.36e-05	1.08e-05	0.00e+00	1.83e-05	2.17e-04
Methanol	3.54e-05	7.44e-06	1.83e-05	0.00e+00	1.99e-04
THF	1.64e-04	2.06e-04	2.17e-04	1.99e-04	0.00e+00

RMS R

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.89e-03	9.85e-03	6.49e-03	2.97e-02
DMF	7.89e-03	0.00e+00	1.97e-03	1.41e-03	3.76e-02
DMSO	9.85e-03	1.97e-03	0.00e+00	3.37e-03	3.96e-02
Methanol	6.49e-03	1.41e-03	3.37e-03	0.00e+00	3.62e-02
THF	2.97e-02	3.76e-02	3.96e-02	3.62e-02	0.00e+00

RMS A

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	7.81e-03	9.80e-03	6.45e-03	2.98e-02
DMF	7.81e-03	0.00e+00	2.00e-03	1.38e-03	3.76e-02
DMSO	9.80e-03	2.00e-03	0.00e+00	3.36e-03	3.96e-02
Methanol	6.45e-03	1.38e-03	3.36e-03	0.00e+00	3.62e-02
THF	2.98e-02	3.76e-02	3.96e-02	3.62e-02	0.00e+00

RMS D

	Acetone	DMF	DMSO	Methanol	THF
Acetone	0.00e+00	1.82e+00	2.23e+00	1.54e+00	7.50e+00
DMF	1.82e+00	0.00e+00	4.72e-01	3.42e-01	8.48e+00
DMSO	2.23e+00	4.72e-01	0.00e+00	7.76e-01	8.71e+00
Methanol	1.54e+00	3.42e-01	7.76e-01	0.00e+00	8.32e+00
THF	7.50e+00	8.48e+00	8.71e+00	8.32e+00	0.00e+00