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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
33	NA	A	8324	1/1	0.75	0.14	46,46,46,46	0
35	CLM	A	9001	20/20	0.78	0.22	57,61,68,69	0
33	NA	A	8307	1/1	0.79	0.13	51,51,51,51	0
31	MG	A	8049	1/1	0.79	0.16	69,69,69,69	0
33	NA	J	8322	1/1	0.80	0.29	63,63,63,63	0
33	NA	A	8371	1/1	0.80	0.32	55,55,55,55	0
33	NA	A	8384	1/1	0.80	0.14	59,59,59,59	0
33	NA	A	8377	1/1	0.82	0.39	66,66,66,66	0
33	NA	A	8306	1/1	0.82	0.26	51,51,51,51	0
33	NA	A	8340	1/1	0.82	0.15	41,41,41,41	0
33	NA	A	8363	1/1	0.83	0.38	64,64,64,64	0
31	MG	A	8087	1/1	0.83	0.17	71,71,71,71	0
31	MG	A	8050	1/1	0.84	0.11	79,79,79,79	0
33	NA	S	8337	1/1	0.84	0.09	35,35,35,35	0
33	NA	A	8369	1/1	0.84	0.22	51,51,51,51	0
31	MG	A	8045	1/1	0.84	0.17	63,63,63,63	0
33	NA	A	8316	1/1	0.86	0.18	53,53,53,53	0
33	NA	A	8302	1/1	0.86	0.12	34,34,34,34	0
33	NA	A	8359	1/1	0.86	0.25	49,49,49,49	0
33	NA	B	8351	1/1	0.86	0.19	49,49,49,49	0
31	MG	A	8066	1/1	0.87	0.30	38,38,38,38	0
33	NA	A	8381	1/1	0.87	0.09	45,45,45,45	0
33	NA	A	8326	1/1	0.87	0.14	42,42,42,42	0
33	NA	A	8362	1/1	0.88	0.24	65,65,65,65	0
33	NA	A	8311	1/1	0.88	0.12	51,51,51,51	0
33	NA	T	8312	1/1	0.88	0.09	44,44,44,44	0
33	NA	A	8374	1/1	0.88	0.21	56,56,56,56	0
33	NA	C	8345	1/1	0.89	0.13	49,49,49,49	0
31	MG	1	8105	1/1	0.89	0.10	28,28,28,28	0
33	NA	A	8370	1/1	0.89	0.29	55,55,55,55	0
33	NA	A	8360	1/1	0.89	0.15	42,42,42,42	0
33	NA	A	8373	1/1	0.89	0.11	49,49,49,49	0
34	CL	A	8516	1/1	0.89	0.13	69,69,69,69	0
34	CL	K	8502	1/1	0.89	0.11	72,72,72,72	0
33	NA	A	8368	1/1	0.89	0.21	63,63,63,63	0
33	NA	A	8315	1/1	0.90	0.11	34,34,34,34	0
33	NA	A	8378	1/1	0.90	0.22	47,47,47,47	0
33	NA	A	8379	1/1	0.90	0.15	51,51,51,51	0
31	MG	A	8089	1/1	0.90	0.09	68,68,68,68	0
32	K	A	8202	1/1	0.90	0.18	56,56,56,56	0
31	MG	A	8085	1/1	0.91	0.12	59,59,59,59	0
31	MG	A	8067	1/1	0.91	0.14	49,49,49,49	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
31	MG	A	8094	1/1	0.91	0.11	61,61,61,61	0
33	NA	A	8333	1/1	0.91	0.10	24,24,24,24	0
33	NA	B	8383	1/1	0.91	0.10	45,45,45,45	0
34	CL	D	8519	1/1	0.91	0.19	53,53,53,53	0
31	MG	B	8095	1/1	0.91	0.12	61,61,61,61	0
34	CL	K	8521	1/1	0.91	0.10	50,50,50,50	0
33	NA	E	8304	1/1	0.91	0.12	30,30,30,30	0
31	MG	A	8116	1/1	0.92	0.05	60,60,60,60	0
33	NA	A	8332	1/1	0.92	0.17	28,28,28,28	0
31	MG	A	8022	1/1	0.92	0.08	26,26,26,26	0
33	NA	A	8335	1/1	0.92	0.24	53,53,53,53	0
31	MG	A	8103	1/1	0.92	0.11	56,56,56,56	0
33	NA	A	8364	1/1	0.92	0.09	33,33,33,33	0
31	MG	A	8112	1/1	0.92	0.11	49,49,49,49	0
33	NA	A	8341	1/1	0.92	0.06	25,25,25,25	0
33	NA	A	8385	1/1	0.92	0.21	45,45,45,45	0
33	NA	A	8349	1/1	0.92	0.10	37,37,37,37	0
33	NA	A	8352	1/1	0.92	0.27	51,51,51,51	0
33	NA	A	8375	1/1	0.93	0.20	48,48,48,48	0
33	NA	A	8376	1/1	0.93	0.16	53,53,53,53	0
33	NA	A	8328	1/1	0.93	0.08	30,30,30,30	0
31	MG	4	8078	1/1	0.93	0.11	35,35,35,35	0
31	MG	A	8082	1/1	0.93	0.14	66,66,66,66	0
33	NA	A	8355	1/1	0.93	0.15	57,57,57,57	0
33	NA	A	8301	1/1	0.93	0.09	24,24,24,24	0
34	CL	C	8509	1/1	0.93	0.12	67,67,67,67	0
31	MG	U	8073	1/1	0.93	0.07	52,52,52,52	0
33	NA	A	8372	1/1	0.93	0.33	62,62,62,62	0
33	NA	A	8303	1/1	0.93	0.20	41,41,41,41	0
34	CL	N	8518	1/1	0.93	0.15	41,41,41,41	0
31	MG	A	8090	1/1	0.93	0.11	46,46,46,46	0
34	CL	A	8522	1/1	0.94	0.15	66,66,66,66	0
33	NA	A	8319	1/1	0.94	0.09	40,40,40,40	0
31	MG	A	8114	1/1	0.94	0.06	52,52,52,52	0
31	MG	A	8106	1/1	0.94	0.07	51,51,51,51	0
31	MG	A	8102	1/1	0.94	0.10	60,60,60,60	0
34	CL	M	8510	1/1	0.94	0.11	60,60,60,60	0
33	NA	A	8366	1/1	0.94	0.06	53,53,53,53	0
34	CL	Z	8520	1/1	0.94	0.10	39,39,39,39	0
34	CL	4	8504	1/1	0.94	0.13	72,72,72,72	0
34	CL	A	8517	1/1	0.94	0.08	51,51,51,51	0
31	MG	A	8042	1/1	0.95	0.12	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
33	NA	A	8327	1/1	0.95	0.10	47,47,47,47	0
33	NA	A	8356	1/1	0.95	0.13	40,40,40,40	0
31	MG	A	8117	1/1	0.95	0.07	25,25,25,25	0
34	CL	A	8505	1/1	0.95	0.07	53,53,53,53	0
31	MG	A	8101	1/1	0.95	0.13	55,55,55,55	0
33	NA	A	8330	1/1	0.95	0.14	27,27,27,27	0
33	NA	A	8361	1/1	0.95	0.11	58,58,58,58	0
31	MG	A	8041	1/1	0.95	0.09	66,66,66,66	0
31	MG	A	8072	1/1	0.95	0.07	56,56,56,56	0
34	CL	K	8501	1/1	0.95	0.12	61,61,61,61	0
33	NA	A	8334	1/1	0.95	0.10	27,27,27,27	0
31	MG	A	8076	1/1	0.95	0.11	71,71,71,71	0
33	NA	A	8367	1/1	0.95	0.05	42,42,42,42	0
32	K	A	8201	1/1	0.95	0.13	55,55,55,55	0
31	MG	A	8057	1/1	0.95	0.06	38,38,38,38	0
33	NA	A	8321	1/1	0.95	0.13	45,45,45,45	0
31	MG	A	8092	1/1	0.95	0.09	89,89,89,89	0
31	MG	A	8052	1/1	0.96	0.09	52,52,52,52	0
31	MG	A	8075	1/1	0.96	0.04	52,52,52,52	0
34	CL	A	8513	1/1	0.96	0.09	52,52,52,52	0
34	CL	A	8515	1/1	0.96	0.14	67,67,67,67	0
31	MG	A	8113	1/1	0.96	0.13	35,35,35,35	0
33	NA	A	8323	1/1	0.96	0.11	37,37,37,37	0
31	MG	A	8044	1/1	0.96	0.08	42,42,42,42	0
33	NA	A	8342	1/1	0.96	0.07	40,40,40,40	0
33	NA	A	8325	1/1	0.96	0.19	58,58,58,58	0
31	MG	A	8064	1/1	0.96	0.10	20,20,20,20	0
31	MG	A	8100	1/1	0.96	0.09	80,80,80,80	0
31	MG	A	8046	1/1	0.96	0.06	45,45,45,45	0
31	MG	L	8069	1/1	0.96	0.05	64,64,64,64	0
33	NA	A	8310	1/1	0.96	0.07	21,21,21,21	0
34	CL	O	8507	1/1	0.96	0.08	61,61,61,61	0
34	CL	P	8508	1/1	0.96	0.12	71,71,71,71	0
34	CL	S	8506	1/1	0.96	0.08	43,43,43,43	0
33	NA	M	8380	1/1	0.96	0.17	57,57,57,57	0
31	MG	A	8051	1/1	0.96	0.07	61,61,61,61	0
31	MG	A	8070	1/1	0.96	0.08	47,47,47,47	0
36	CD	V	8401	1/1	0.96	0.07	63,63,63,63	0
36	CD	I	8403	1/1	0.96	0.05	56,56,56,56	0
33	NA	U	8343	1/1	0.97	0.04	34,34,34,34	0
34	CL	A	8503	1/1	0.97	0.10	49,49,49,49	0
31	MG	A	8081	1/1	0.97	0.05	47,47,47,47	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
33	NA	A	8305	1/1	0.97	0.06	32,32,32,32	0
31	MG	D	8055	1/1	0.97	0.04	48,48,48,48	0
31	MG	A	8068	1/1	0.97	0.05	61,61,61,61	0
33	NA	A	8308	1/1	0.97	0.06	49,49,49,49	0
31	MG	A	8108	1/1	0.97	0.10	77,77,77,77	0
31	MG	Z	8109	1/1	0.97	0.09	33,33,33,33	0
33	NA	A	8313	1/1	0.97	0.07	66,66,66,66	0
33	NA	A	8314	1/1	0.97	0.08	28,28,28,28	0
31	MG	A	8111	1/1	0.97	0.05	54,54,54,54	0
31	MG	A	8060	1/1	0.97	0.08	36,36,36,36	0
33	NA	A	8318	1/1	0.97	0.12	53,53,53,53	0
31	MG	A	8097	1/1	0.97	0.11	46,46,46,46	0
33	NA	J	8309	1/1	0.97	0.04	24,24,24,24	0
31	MG	A	8024	1/1	0.97	0.06	18,18,18,18	0
33	NA	K	8346	1/1	0.97	0.09	43,43,43,43	0
33	NA	A	8344	1/1	0.97	0.03	15,15,15,15	0
33	NA	R	8348	1/1	0.97	0.05	27,27,27,27	0
31	MG	A	8043	1/1	0.97	0.04	41,41,41,41	0
33	NA	A	8350	1/1	0.97	0.16	44,44,44,44	0
31	MG	A	8059	1/1	0.97	0.11	37,37,37,37	0
33	NA	A	8331	1/1	0.98	0.09	38,38,38,38	0
31	MG	A	8053	1/1	0.98	0.08	49,49,49,49	0
33	NA	A	8353	1/1	0.98	0.04	27,27,27,27	0
33	NA	A	8354	1/1	0.98	0.09	32,32,32,32	0
31	MG	A	8115	1/1	0.98	0.09	44,44,44,44	0
31	MG	A	8023	1/1	0.98	0.06	36,36,36,36	0
31	MG	A	8028	1/1	0.98	0.07	28,28,28,28	0
33	NA	A	8336	1/1	0.98	0.05	34,34,34,34	0
33	NA	N	8347	1/1	0.98	0.05	17,17,17,17	0
33	NA	A	8338	1/1	0.98	0.04	43,43,43,43	0
31	MG	A	8093	1/1	0.98	0.07	40,40,40,40	0
31	MG	A	8039	1/1	0.98	0.05	52,52,52,52	0
31	MG	A	8062	1/1	0.98	0.05	58,58,58,58	0
34	CL	R	8511	1/1	0.98	0.07	49,49,49,49	0
31	MG	A	8099	1/1	0.98	0.08	48,48,48,48	0
33	NA	A	8365	1/1	0.98	0.10	33,33,33,33	0
33	NA	A	8317	1/1	0.98	0.05	29,29,29,29	0
34	CL	A	8512	1/1	0.98	0.04	41,41,41,41	0
36	CD	P	8405	1/1	0.98	0.08	90,90,90,90	0
31	MG	A	8047	1/1	0.98	0.09	65,65,65,65	0
34	CL	A	8514	1/1	0.98	0.06	47,47,47,47	0
36	CD	2	8402	1/1	0.98	0.05	57,57,57,57	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
31	MG	A	8038	1/1	0.99	0.04	31,31,31,31	0
31	MG	A	8011	1/1	0.99	0.02	35,35,35,35	0
31	MG	A	8104	1/1	0.99	0.03	42,42,42,42	0
31	MG	A	8079	1/1	0.99	0.03	36,36,36,36	0
31	MG	A	8080	1/1	0.99	0.04	42,42,42,42	0
31	MG	A	8110	1/1	0.99	0.07	34,34,34,34	0
31	MG	A	8040	1/1	0.99	0.05	54,54,54,54	0
31	MG	A	8054	1/1	0.99	0.03	38,38,38,38	0
31	MG	A	8083	1/1	0.99	0.08	42,42,42,42	0
31	MG	A	8084	1/1	0.99	0.07	60,60,60,60	0
31	MG	A	8012	1/1	0.99	0.02	37,37,37,37	0
31	MG	A	8086	1/1	0.99	0.12	35,35,35,35	0
33	NA	A	8320	1/1	0.99	0.03	20,20,20,20	0
31	MG	A	8013	1/1	0.99	0.03	48,48,48,48	0
31	MG	A	8014	1/1	0.99	0.06	30,30,30,30	0
31	MG	A	8016	1/1	0.99	0.03	27,27,27,27	0
31	MG	A	8063	1/1	0.99	0.05	74,74,74,74	0
31	MG	A	8091	1/1	0.99	0.08	37,37,37,37	0
31	MG	A	8001	1/1	0.99	0.07	22,22,22,22	0
31	MG	A	8002	1/1	0.99	0.07	38,38,38,38	0
31	MG	A	8007	1/1	0.99	0.03	26,26,26,26	0
31	MG	A	8096	1/1	0.99	0.06	42,42,42,42	0
31	MG	A	8048	1/1	0.99	0.03	43,43,43,43	0
31	MG	A	8098	1/1	0.99	0.12	29,29,29,29	0
31	MG	A	8008	1/1	0.99	0.04	43,43,43,43	0
31	MG	A	8071	1/1	0.99	0.07	72,72,72,72	0
31	MG	A	8037	1/1	0.99	0.04	39,39,39,39	0
36	CD	4	8404	1/1	0.99	0.05	59,59,59,59	0
31	MG	A	8056	1/1	1.00	0.04	44,44,44,44	0
31	MG	A	8032	1/1	1.00	0.07	26,26,26,26	0
31	MG	A	8058	1/1	1.00	0.02	43,43,43,43	0
31	MG	A	8033	1/1	1.00	0.04	31,31,31,31	0
31	MG	A	8034	1/1	1.00	0.07	26,26,26,26	0
31	MG	A	8061	1/1	1.00	0.02	35,35,35,35	0
31	MG	A	8035	1/1	1.00	0.03	39,39,39,39	0
31	MG	A	8036	1/1	1.00	0.06	39,39,39,39	0
31	MG	A	8004	1/1	1.00	0.03	33,33,33,33	0
31	MG	A	8015	1/1	1.00	0.04	41,41,41,41	0
31	MG	A	8009	1/1	1.00	0.06	32,32,32,32	0
31	MG	A	8017	1/1	1.00	0.03	22,22,22,22	0
31	MG	A	8018	1/1	1.00	0.03	50,50,50,50	0
31	MG	A	8019	1/1	1.00	0.05	27,27,27,27	0

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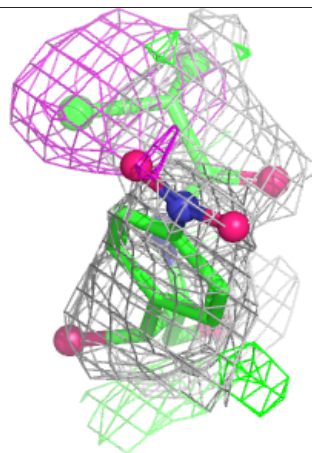
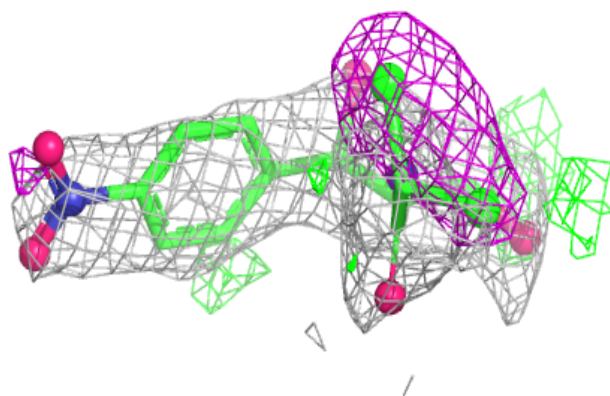
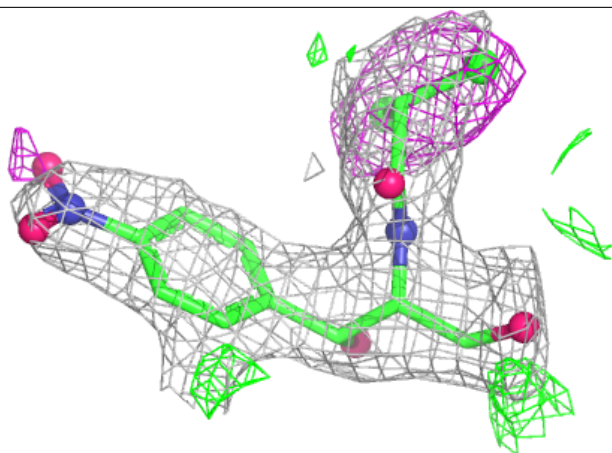
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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
31	MG	A	8020	1/1	1.00	0.03	36,36,36,36	0
31	MG	A	8074	1/1	1.00	0.04	28,28,28,28	0
31	MG	A	8021	1/1	1.00	0.02	36,36,36,36	0
31	MG	A	8107	1/1	1.00	0.05	34,34,34,34	0
31	MG	A	8010	1/1	1.00	0.04	29,29,29,29	0
31	MG	A	8077	1/1	1.00	0.02	40,40,40,40	0
31	MG	A	8005	1/1	1.00	0.02	36,36,36,36	0
31	MG	A	8006	1/1	1.00	0.05	28,28,28,28	0
31	MG	A	8025	1/1	1.00	0.02	47,47,47,47	0
31	MG	A	8026	1/1	1.00	0.02	27,27,27,27	0
31	MG	A	8027	1/1	1.00	0.05	30,30,30,30	0
31	MG	A	8003	1/1	1.00	0.06	18,18,18,18	0
31	MG	A	8029	1/1	1.00	0.03	40,40,40,40	0
31	MG	A	8030	1/1	1.00	0.04	30,30,30,30	0
31	MG	C	8065	1/1	1.00	0.02	50,50,50,50	0
31	MG	A	8031	1/1	1.00	0.06	22,22,22,22	0

The following is a graphical depiction of the model fit to experimental electron density of all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the geometry validation Tables will also be included. Each fit is shown from different orientation to approximate a three-dimensional view.

Electron density around CLM A 9001:

$2mF_o - DF_c$ (at 0.7 rmsd) in gray
 $mF_o - DF_c$ (at 3 rmsd) in purple (negative)
and green (positive)



6.5 Other polymers [i](#)

There are no such residues in this entry.