

## Supporting Information:

**Table 1 Elementary analysis data of compounds 1-14**

**Table 2. Data Collection and Refinement Statistics.**

**Table 3. AlogP of compounds 1-14**

**Table 1 Elementary analysis data of compounds 1-14**

NO.	Theoretical in %			Experimental in %			Formula
	C	H	N	C	H	N	
1	47.17	5.61	10.0	46.95	5.34	10.23	C <sub>11</sub> H <sub>15</sub> ClN <sub>2</sub> O <sub>4</sub> ·0.3H <sub>2</sub> O
2	59.54	5.93	8.68	59.31	5.82	8.41	C <sub>16</sub> H <sub>19</sub> ClN <sub>2</sub> O <sub>3</sub>
3	56.72	5.65	8.27	56.65	5.75	7.99	C <sub>16</sub> H <sub>19</sub> ClN <sub>2</sub> O <sub>4</sub>
4	62.92	5.28	6.99	62.72	5.27	6.98	C <sub>21</sub> H <sub>21</sub> ClN <sub>2</sub> O <sub>4</sub>
5	50.93	4.56	11.88	50.81	4.62	11.71	C <sub>15</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>5</sub>
6	51.01	4.28	7.44	50.86	4.31	7.44	C <sub>16</sub> H <sub>16</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>3</sub>
7	52.24	5.85	10.15	52.45	5.62	10.05	C <sub>18</sub> H <sub>18</sub> ClN <sub>3</sub> O <sub>3</sub> ·3H <sub>2</sub> O
8	43.75	5.51	12.75	43.45	5.02	13.04	C <sub>16</sub> H <sub>20</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>4</sub> ·2H <sub>2</sub> O
9	47.36	5.92	12.27	47.59	5.83	12.07	C <sub>18</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>4</sub> ·1.4H <sub>2</sub> O
10	48.95	4.93	12.68	48.96	4.79	12.59	C <sub>18</sub> H <sub>20</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>4</sub> ·0.8H <sub>2</sub> O
11	52.29	6.14	12.20	52.07	5.93	12.50	C <sub>20</sub> H <sub>28</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>4</sub>
12	54.61	5.96	9.55	54.88	5.30	9.51	C <sub>20</sub> H <sub>20</sub> ClN <sub>3</sub> O <sub>3</sub> ·3H <sub>2</sub> O
13	63.06	5.46	5.88	63.23	5.64	5.53	C <sub>25</sub> H <sub>23</sub> ClN <sub>2</sub> O <sub>4</sub> ·1.4H <sub>2</sub> O
14	59.36	5.46	9.89	59.45	5.32	9.55	C <sub>21</sub> H <sub>22</sub> ClN <sub>3</sub> O <sub>4</sub> ·0.5H <sub>2</sub> O

**Table 2.** Data Collection and Refinement Statistics.

CD38-Compound 4	
<b>Data collection</b>	
Space group	P1
Cell dimensions	
<i>a</i> , <i>b</i> , <i>c</i> (Å)	41.98, 96.84, 104.37
$\alpha$ , $\beta$ , $\gamma$ (°)	79.84, 83.12, 86.59
Resolution (Å)	30-1.9
$R_{\text{sym}}$ or $R_{\text{merge}}$ (%)	14.1 (52.3)
$I / \sigma I$	11.17 (1.69)
Completeness (%)	96.2 (91.0)
Redundancy	2.6 (1.8)
<b>Refinement</b>	
Resolution (Å)	30-2.0
No. reflections	119025
$R_{\text{work}} / R_{\text{free}}$ (%)	20.64/27.15
No. of protein atoms	12192
No. of Compound 4 molecules	6
No. of water	645
R.m.s deviations	
Bond lengths (Å)	0.0256
Bond angles (°)	1.774

Values in parentheses are from the highest resolution shell.

**Table 3.** AlogP of compounds 1-14

Comp.	1	2	3	4	5	6	7
AlogP	0.13	1.74	1.90	3.48	1.81	2.86	2.11
Comp.	8	9	10	11	12	13	14
AlogP	0.40	1.04	0.99	1.95	2.57	4.68	2.73

*AlogP* was calculated using Pipeline Pilot V7.5