

Supporting Information

Elucidating Structural Elements for Selectivity at Monoamine Transporters: Modafinil [(2-[(diphenylmethyl)sulfinyl] acetamide) Analogues

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Supplemental information Contents:

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Table S1: Microanalysis Data:

Compd	C	H	N	C	H	N
	Calculated			Found		
4a	70.01	5.87	5.44	69.75	6.01	5.30
4e	55.23	4.02	4.29	55.61	4.40	3.88
4g	70.81	6.31	5.16	70.88	6.48	5.19
4h	56.48	4.44	4.12	56.29	4.58	4.12
4i	44.78	3.52	3.26	44.88	3.46	3.23
4j	72.69	6.44	4.71	72.39	6.59	4.60
4k	72.20	7.07	4.68	72.30	6.98	4.64
4l	64.46	5.71	4.18	64.18	5.78	4.10
4m	58.70	5.20	3.80	58.49	5.15	3.68
4n	47.28	4.19	3.06	47.50	4.26	3.16
4o	73.27	6.80	4.50	73.03	6.89	4.42
4p	65.68	5.51	4.03	65.41	5.40	4.02
4q	48.90	4.31	2.85	49.14	4.09	2.97
4r	72.39	7.42	4.44	72.52	7.44	4.47
4s	65.31	6.06	4.01	65.01	6.00	4.00
4t	48.43	4.49	2.97	48.70	4.51	3.10
4u	76.76	6.71	3.73	76.50	6.68	3.80
4v	70.05	5.63	3.40	69.97	5.74	3.34
4w	64.86	5.22	3.15	64.68	5.33	3.14
4x	54.05	4.35	2.63	54.50	4.29	2.66
4y	77.08	6.99	3.60	76.81	6.89	3.52
4z	54.86	4.60	2.56	55.10	4.72	2.60
5a	65.78	6.49	4.51	65.63	6.07	4.54
5b	48.81	3.37	3.35	48.85	3.00	3.32
5c	58.24	4.24	4.53	58.08	4.16	4.48
5d	52.64	3.83	4.09	52.58	3.73	3.92
5e	51.15	4.01	3.98	50.88	3.93	3.96
5f	63.87	6.20	4.66	64.15	5.83	4.63
5g	51.63	4.33	2.51	51.25	4.10	2.51
6a	63.74	6.00	4.51	64.14	5.97	4.50
6b	51.02	4.92	3.97	51.13	4.70	4.17
6c	41.17	3.69	3.20	41.09	3.83	3.30
6d	67.98	7.27	4.17	67.82	7.27	4.14
6e	64.75	6.99	3.60	64.72	6.83	3.52
6f	69.15	6.47	3.10	69.19	6.32	3.12
6g	64.05	5.58	2.87	63.96	5.75	2.87
6i	51.25	4.47	2.30	51.33	4.43	2.31
7a	58.44	5.48	4.01	58.18	5.55	3.99
7b	60.85	6.81	3.38	60.87	6.69	3.42
7c	62.01	5.40	2.78	61.98	5.29	2.79
7d	57.25	5.17	2.57	57.10	5.05	2.61

7e	49.94	4.35	2.24	49.87	4.24	2.30
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