

## Supporting Information

### Structure-Antitussive Activity Relationships of Naltrindole Derivatives. Identification of Novel and Potent Antitussive Agents.

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Table: Elemental Analysis Data

Compound	Formula		%C	%H	%N	%S
<b>3a·MeSO<sub>3</sub>H</b>	C <sub>26</sub> H <sub>26</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·0.3 H <sub>2</sub> O	calc.	62.85	5.95	5.43	6.21
		found	62.88	6.24	5.44	6.24
<b>3b·MeSO<sub>3</sub>H</b>	C <sub>27</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·0.2 H <sub>2</sub> O	calc.	63.67	6.18	5.30	6.07
		found	63.65	6.20	5.20	5.92
<b>3c·MeSO<sub>3</sub>H</b>	C <sub>27</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H	calc.	64.10	6.15	5.34	6.11
		found	63.83	6.16	5.12	6.07
<b>3d·MeSO<sub>3</sub>H</b>	C <sub>30</sub> H <sub>34</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·0.3 H <sub>2</sub> O	calc.	65.08	6.80	4.90	5.60
		found	64.77	6.86	5.18	5.64
<b>3e·MeSO<sub>3</sub>H</b>	C <sub>29</sub> H <sub>32</sub> N <sub>2</sub> O <sub>3</sub> ·1.15 CH <sub>3</sub> SO <sub>3</sub> H·0.2 H <sub>2</sub> O	calc.	63.45	6.53	4.91	6.46
		found	63.33	6.76	4.74	6.55
<b>3f·MeSO<sub>3</sub>H</b>	C <sub>30</sub> H <sub>34</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·0.6 H <sub>2</sub> O	calc.	64.47	6.84	4.85	5.55
		found	64.36	6.88	4.73	5.71
<b>4·MeSO<sub>3</sub>H</b>	C <sub>28</sub> H <sub>28</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·0.4 H <sub>2</sub> O	calc.	64.05	6.08	5.15	5.90
		found	63.92	6.15	5.32	5.99
<b>5a·MeSO<sub>3</sub>H</b>	C <sub>29</sub> H <sub>30</sub> N <sub>2</sub> O <sub>3</sub> ·1.2 CH <sub>3</sub> SO <sub>3</sub> H·0.3 H <sub>2</sub> O	calc.	63.05	6.20	4.87	6.69
		found	63.12	6.36	4.75	6.62
<b>5b·MeSO<sub>3</sub>H</b>	C <sub>30</sub> H <sub>32</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·0.7 H <sub>2</sub> O	calc.	64.50	6.53	4.85	5.55
		found	64.42	6.33	4.91	5.75
<b>6a·MeSO<sub>3</sub>H</b>	C <sub>30</sub> H <sub>32</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·0.4 H <sub>2</sub> O	calc.	65.10	6.49	4.90	5.61
		found	64.95	6.72	5.03	5.71
<b>6b·MeSO<sub>3</sub>H</b>	C <sub>31</sub> H <sub>34</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·1.5 H <sub>2</sub> O	calc.	63.45	6.82	4.62	5.29
		found	63.11	6.52	4.72	5.66
<b>7·MeSO<sub>3</sub>H</b>	C <sub>30</sub> H <sub>32</sub> N <sub>2</sub> O <sub>3</sub> ·CH <sub>3</sub> SO <sub>3</sub> H·0.6 H <sub>2</sub> O	calc.	64.70	6.51	4.87	5.57
		found	64.33	6.54	4.95	5.83