Synthesis, Nicotinic Acetylcholine Receptor Binding and Antinociceptive Properties of 2'-Fluoro-3'-(Substituted pyridinyl)-7-deschloroepibatidine Analogues

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SUPPORTING INFORMATION

Analysis Appendix

Compound	Formula	Calcd.			Found		
		C	H	N	C	H	N
7a•Fumarate	$C_{20}H_{20}FN_3O_4$•0.25 H_2O	61.61	5.30	10.78	61.67	5.48	10.66
7b•Fumarate	$C_{20}H_{19}F_2N_3O_4$	59.55	4.75	10.42	59.54	4.73	10.33
7c•Fumarate	$C_{20}H_{19}ClFN_3O_4$•0.25 H_2O	56.61	4.63	9.90	56.65	4.57	9.78
7d•Hydrochloride	$C_{16}H_{19}Cl_2FN_4$	53.79	5.36	15.68	53.65	5.74	15.46
7e•Fumarate	$C_{21}H_{22}FN_3O_5$	60.72	5.34	10.12	60.61	5.40	10.19

8a•Hemifumarate	$C_{18}H_{18}FN_3O_2$•0.5 H_2O	64.27	5.69	12.49	64.27	5.47	12.35
8b•Hemifumarate	$C_{18}H_{17}F_2N_3O_2$	62.60	4.96	12.17	62.64	4.87	12.08
8c•Fumarate	$C_{20}H_{19}ClFN_3O_4$	57.22	4.56	10.01	57.21	4.45	9.95
8d•Hydrochloride	$C_{16}H_{19}Cl_2FN_4$•1.25 H_2O	50.60	5.71	14.75	50.44	5.61	14.23
8e•Hemifumarate	$C_{19}H_{20}FN_3O_3$•0.25 H_2O	63.06	5.71	11.61	63.19	5.81	11.52