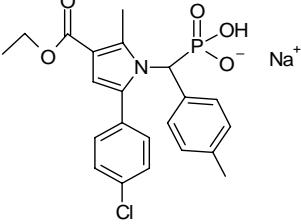
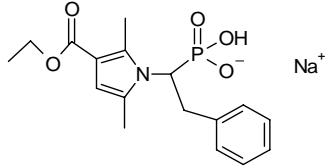
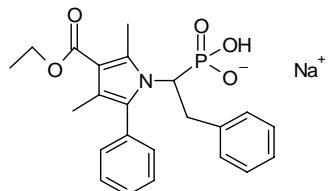
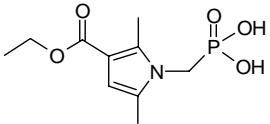
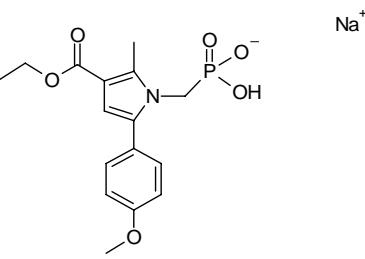
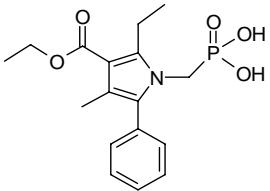
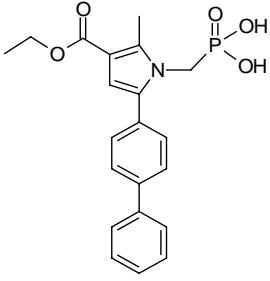
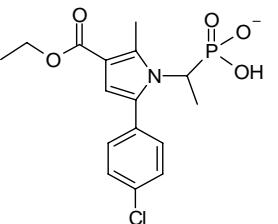
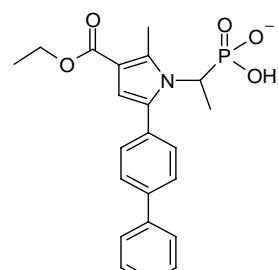
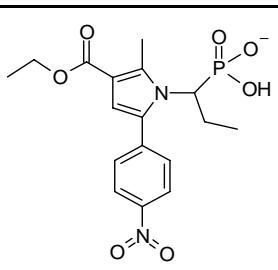
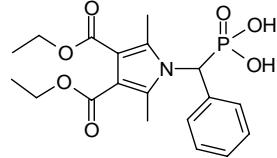
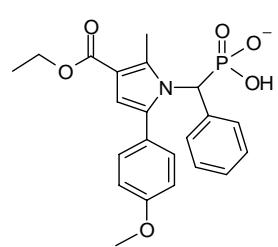
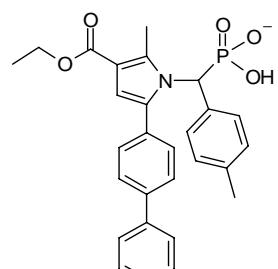
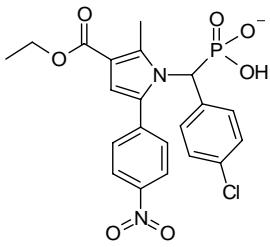
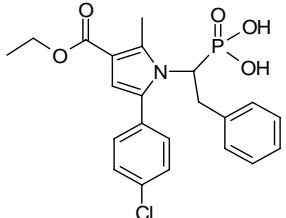
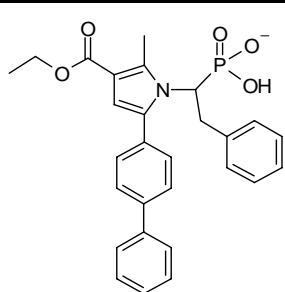
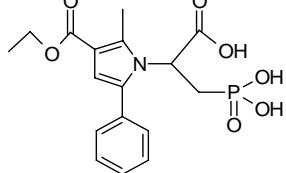
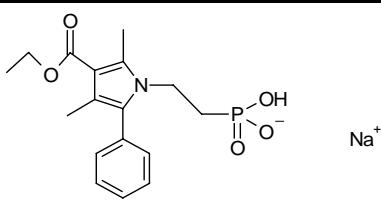
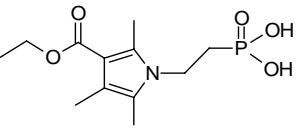
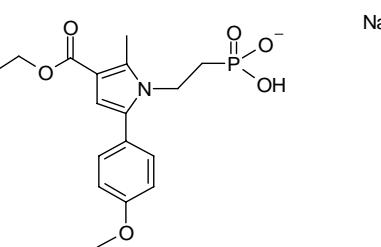


ID Number	Structure	Formula	M.W.	m.p. (°C)	Remarks
K	<b>PYRROLE-ALKYL-PHOSPHONIC ACIDS</b>				
K01-40-4163		C11H17NNaO5P	297,23	290-295	colorless crystals
K01-40-4164		C13H20NO7P	333,28	164-168	cream-colored crystals
K01-40-4165		C15H18NO5P	323,29	108-111	colorless crystals
K01-40-4167		C22H24NO7P	445,41	144-148	colorless crystals
K01-40-4168		C16H19NNaO5P	359,30	337-343	colorless crystals
K01-40-4169		C17H20ClNNaO5P	407,77	315-320	colorless crystals
K01-40-4170		C21H21NNaO5P	421,37	287-291	colorless crystals
K01-40-4171		C22H23NNaO5P	435,40	273-276	cream-colored crystals

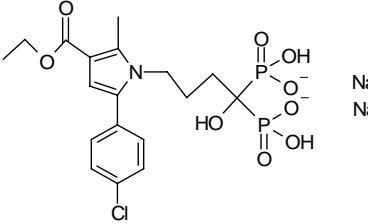
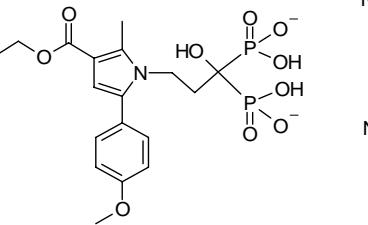
K01-40-4172		C22H22CINaO5P	469,84	290-295	colorless crystals
K01-40-4173		C17H21NNaO5P	373,32	285-290	colorless crystals
K01-40-4174		C23H25NNaO5P	449,42	270-275	colorless crystals
K01-40-4332		C10H16NO5P	261,22	93-98	light beige crystals
K01-40-4333		C16H19NNaO6P	375,30	289-296	colorless crystals
K01-40-4334		C17H22NO5P	351,34	78-81	colorless crystals
K01-40-4335		C21H22NO5P	399,39	193-197	colorless crystals

K01-40-4336		Na <sup>+</sup>	C16H18CINaO5P	393,74	287-290	colorless crystals
K01-40-4337		Na <sup>+</sup>	C22H23NNaO5P	435,40	285-290	cream-colored crystals
K01-40-4338		Na <sup>+</sup>	C17H20N2NaO7P	418,32	82-90	hydrate yellow crystals
K01-40-4339			C19H24NO7P	409,38	99-104	hydrate colorless crystals
K01-40-4340		Na <sup>+</sup>	C22H23NNaO6P	451,40	284-288	colorless crystals
K01-40-4341		Na <sup>+</sup>	C28H27NNaO5P	511,49	275-278	colorless crystals

K01-40-4342		C21H19ClN2NaO7P Na <sup>+</sup>	500,81	98-101	hydrate yellow crystals
K01-40-4343		C22H23ClNO5P	447,86	175-178	colorless crystals
K01-40-4344		C28H27NNaO5P Na <sup>+</sup>	511,49	280-285	colorless crystals
K02-40-4175		C17H20NO7P	381,33	128-131	colorless crystals
K02-40-4176		C17H21NNaO5P Na <sup>+</sup>	373,32	292-295	colorless crystals
K02-40-4345		C12H20NO5P	289,27	60-64	colorless crystals
K02-40-4346		C17H21NNaO6P Na <sup>+</sup>	389,32	330-335	colorless crystals

K02-40-4347		Na <sup>+</sup>	C16H18CINaO5P	393,74	315-320	colorless crystals
K02-40-4349		Na <sup>+</sup>	C17H20CINaO5P	407,77	285-288	colorless crystals
K02-40-4350		Na <sup>+</sup>	C17H20N2NaO7P	418,32	60-65	hydrate yellow crystals
K03-40-4351			C13H22NO5P	303,30	75-82	colorless crystals
K03-40-4352		Na <sup>+</sup>	C18H23NNaO6P	403,35	251-256	cream-colored crystals
K04-40-4177			C17H23NO9P2	447,32	223-226	cream-colored crystals
K04-40-4178		Na <sup>+</sup> Na <sup>+</sup>	C17H20CINa2O9P2	525,73	314-318	colorless crystals

## PYRROLE-ALKYL-PHOSPHONIC ACIDS.xls

K04-40-4179		Na <sup>+</sup> Na <sup>+</sup>	C18H22CINa2O9P2	539,76	295-299	colorless crystals
K04-40-4354		Na <sup>+</sup> Na <sup>+</sup>	C18H23NNa2O10P2	521,31	277-281	colorless crystals