Supplementary Material

Table S1. ChemPLP scoring function for docked organophosphates.

Organophosphate	Docking Score	Organophosphate	Docking Score
Acephate (1)	24.91	Glufosinate ammonium (27)	44.78
Azinphos ethyl (2)	26.27	Glyphosine (28)	36.94
Azinphos methyl (3)	36.24	Isazofos (29)	22.98
Bromophos (4)	28.08	Isofenphos (30)	1.77
Cadusafos (5)	35.28	Malathion (31)	26.79
Carbophenothion (6)	31.36	Methamidophos (32)	27.97
Chlorethoxyfos (7)	24.85	Methidathion (33)	35.99
Chlorfenvinfos (8)	15.64	Methyl parathion (34)	33.2
Chlorpyridos methyl (9)	24.68	Mevinphos (35)	28.81
Chlorpyrifos (10)	26.81	Monocrotophos (36)	31.09
Crotoxyphos (11)	25.52	Omethoate (37)	37.06
Cyanophos (12)	29.3	Paraoxon (38)	33.6
Demeton-O (13)	36.93	Parathion (39)	32.26
Diazinon (14)	11.72	Phenthoate (40)	29.46
Dichlorvos (15)	32.36	Phorate (41)	36.65
Dicrotophos (16)	31.56	Phosmet (42)	35.98
Dimethoate (17)	35.17	Phosphamidon (43)	36.81
Disulfoton (18)	35.77	Phoxim (44)	21.79
Ethion (19)	12.68	Profenofos (45)	37.29
Famphur (20)	9.9	Propetamphos (46)	17.24
Fenamiphos (21)	31.5	Quinalphos (47)	27.9
Fenitrothion (22)	27	Ronnel (48)	28.19
Fenthion (23)	25.38	Sulfotepp (49)	24.42
Fonofos (24)	39.8	Sulprofos (50)	31
Formothion (25)	38.11	Triazophos (51)	21.93
Glyphosate (26)	37.29	Trichlorfon (52)	32.3

Molecules structure may be checked by respective numbers in Supplementary Figure 1.