

Table 2. Physicochemical properties of target compounds

compound	t _{1/2} (days)	pKa	Water solubility(mg/L)	K _{ow}	GUS
atrazine	41-231	1.7	35	2.8	3.2
DIA	32-173	1.58	980	1.2	40.5
DEA	19-186	1.65	2700	1.5	4.37
HA	32-188	5.15	16	1.4	2.21
metolachlor	21-83	-	530	3.13	2.1
terbuthylazine	up to 168	1.9	6.6	3.4	3.07

*PPDB: Pesticide Properties DataBase, University of Hertfordshire

<https://sitem.herts.ac.uk/aeru/ppdb/en/atoz.htm> (accessed 15/09/2019)