Common chemical descriptors for QSAN/QSFR analysis		
Chemical descriptors	Based on	Examples
Theoretical descriptors		
0D	Molecular formula	Molecular weights, atom counts, bond counts
1D	Chemical graph	Fragment counts, functional group counts
2D	Structural topology	Weiner index, Balaban index, Randic index, BCUTS
3D	Structural geometry	WHIM, autocorrelation, 3D-MORSE, GETAWAY
4D	Chemical conformation	Volsurf, GRID, Raptor
Experimental descriptors		
Hydrophobic parameters	Hydrophobicity	Partition coefficents (logP), hydrohobic substituent constant ( $\pi$ )

Acid dissociation constant, Hammett constant

Taft steric constant, Charton's constant

Electronic properties

Steric properties

Common chemical descriptors for OSAR/OSPR analysis

Electronic parameters

Steric parameters