

Correlation of blood-brain penetration using structural descriptors

Katritzky, Alan R.; Kuanar, Minati; Slavov, Svetoslav; Dobchev, Dimitar A.; Fara, Dan C.; **Karelson, Mati**; Acree, William E.; Solov'ev, Vitaly P.; Varnek, Alexandre Bioorganic & medicinal chemistry 2006 / 14, p. 4888-4917 : ill

Novel computational models for predicting dopamine interactions

Katritzky, Alan R.; **Dobchev, Dimitar**; Stoyanova-Slavova, Iva B.; Kuanar, Minati; Bespalov, Maxim M.; **Karelson, Mati**; **Saarma, Mart** Experimental neurology 2008 / 1, p. 150-171 <https://www.sciencedirect.com/science/article/pii/S0014488608000368>

QSAR modeling of blood : air and tissue : air partition coefficients using theoretical descriptors

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Quantitative structure-property relationship studies on Ostwald solubility and partition coefficients of organic solutes in ionic liquids

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The classification of solvents by combining classical QSPR methodology with principal component analysis

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