

Quiz
Chapter 3
Drug Likelihood and *in silico* Toxicity

Full Marks: 10

Time: 10 min

1. Drug likelihood can be tested by

- a) OSIRIS Properties calculator b) admetSAR c) admetTOX d) None of these

2. As per Lipinsky's rule logP should be

- a) < 1 b) <3 c) <5 d) None of these

3. AMES toxicity is a measure of

- a) mutagenicity b) teratogenicity c) environmental toxicity d) cardiac toxicity

4. Free ADMET determining software is

- a) admetSAR b) MOLINSPIRATION c) MolCalc d) MOLSOFT

5. hERG gene toxicity is

- a) cardiac toxicity b) nephrotoxicity c) liver toxicity d) teratogenicity

6. *Tetrahymena pyriformis* toxicity is related with

- a) mutagenicity b) teratogenicity c) environmental toxicity d) cardiac toxicity

7. SMILEY is

- a) Compound docking format b) compound structure writing format c) representing compound bond angles d) QSAR output format

8. CYP3A4 inhibition

- a) increase drug concentration in blood b) decrease drug concentration in blood c) increase Log P of compound d) increase lipophilicity of compound

9. The full form of QSTR is _____

10. Red score in OSIRIS PROPERTIES CALCULATOR indicate result that is

- a) acceptable b) not acceptable c) depends on case to case d) can not be calculated