

Organic chemistry – seminar

Scientific information

1. The phrase from column 1 comes from the abstract of a paper from scientific journal. Find this paper, locate all data needed if you would like to refer to this paper (no access to a full text is needed for this task)
2. Find some information about compound from column 2, draw its structural formula. Present sources of these data and the method you used to collect them.
3. Find the melting (or boiling) point of compound from column 3, provide source of this information, discuss the reliability of this source.
4. Present the methods you used to find this answer.

Student	Phrase	compound	melting (boiling) point
Bamgbose Ayobami Peter	These molecules (peptidomimetics) are designed to display high receptor affinity	aldovibsanin A	4-amino-2-nitrotoluene
Behera Gourahari	described are the preparations of thioamide derivatives of phenylalanine	spongiolactone	p-toluamide
Patel Arpit Jayendrakumar	nonimmobilized ionic liquid, which relies on the highly synergistic effect of the coordination with the nitrogen atom	lupeolactone	p-aminobenzoic acid
Prajapati Bibek	Emission lifetime measurements and HPLC product analysis show that the binuclear donor/acceptor compounds undergo photoinduced electron transfer	foxamax	terephthaldialdehyde
Sayfullaev Giyosiddin	The solution conformations of these tripeptide models containing azaPhe residue were determined in CDCl ₃ and DMSO solvents using NMR and molecular modeling techniques	prostacyclin	o-nitroanisol
Wang Nina	the progress in the development of strategies to construct silicon-containing α -amino acid frameworks and the studies concerned with their structure and activity	rameswaralide	1,6-dihydroxynaphthalene