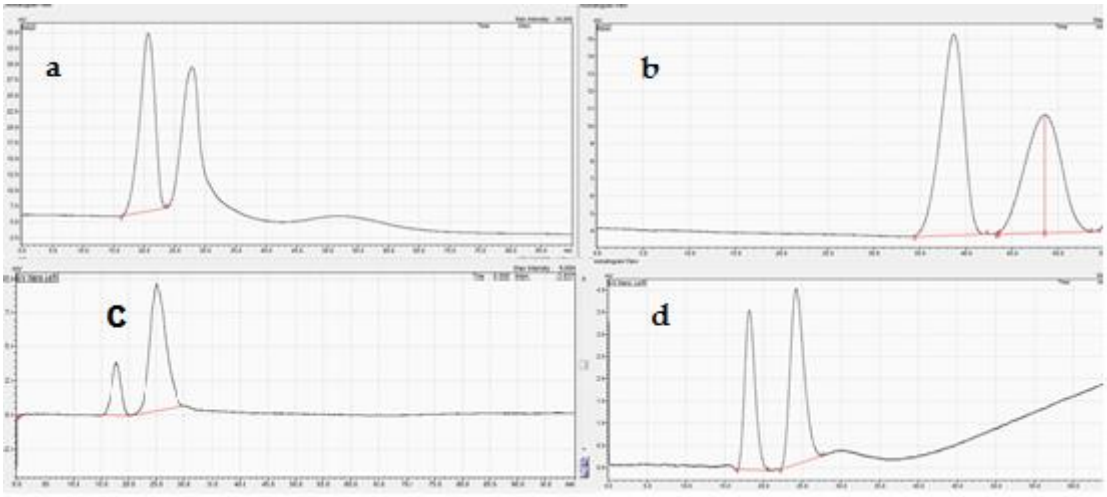


Figure 1: Enantioselective nano-lc separation of racemic miconazol (a) (Mobile phase: Methanol :water 10:90 v/v, atenolol (b) (Mobile phase: methanol /water 50:50 v/v, Nomifensine (c), (Mobile phase: methanol /water 10:90 v/v and Normatenphrine (d), (Mobile phase: methanol /water 80:20 v/v on L2 capillary column (150 µm ID, 25 cm length). UV: 219 nm, flow rate: 1 µL/min.

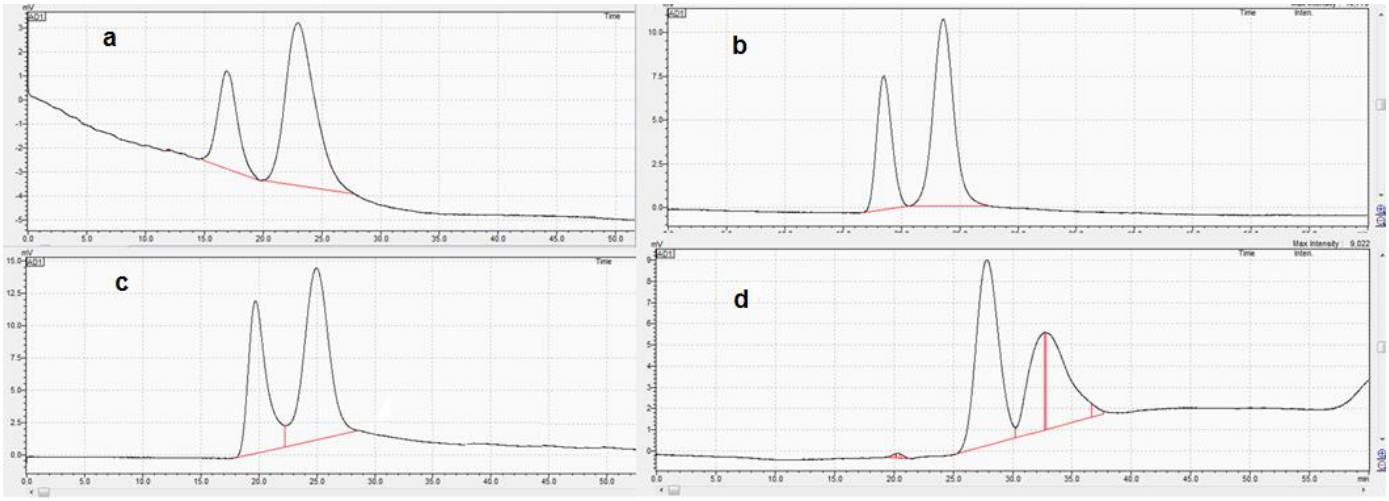


Figure 2: Enantioselective nano-lc separation of racemic Fluribiprofen (a) (Mobile phase: Methanol :water 50:50 v/v), Ifosfamid (b), phenylalanine (c), and Propranolol (d), (Mobile phase: methanol /water 80:20 v/v on L2 capillary column (150 µm ID, 25 cm length). UV: 219 nm, flow rate: 1 µL/min.

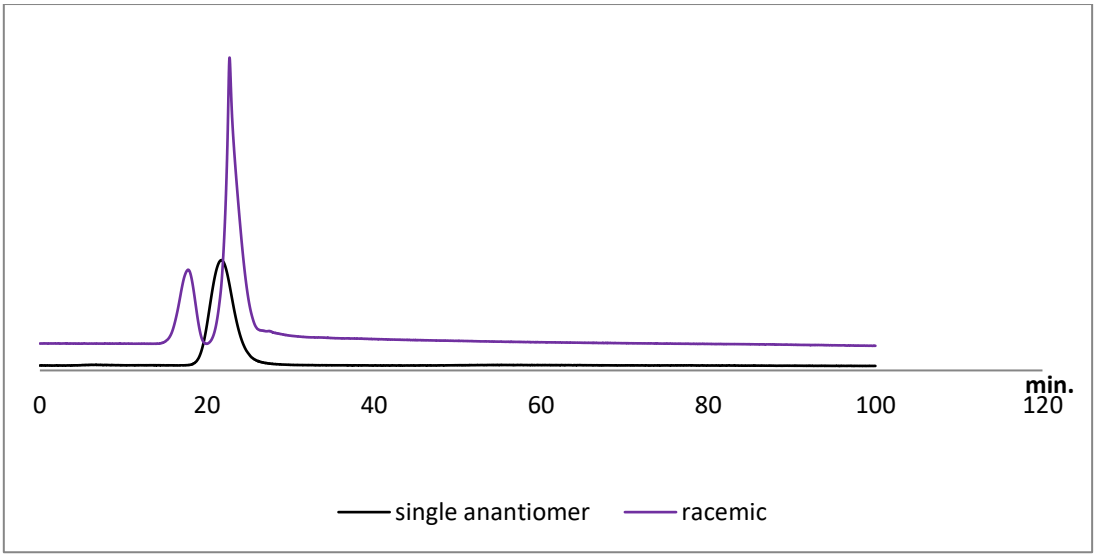


Figure 3. Enantioselective nano-lc separation of racemic Nomifensine on L2 capillary (violet) and blank capillary(black) using mobile phase: methanol /water 20:80 v/v, UV: 219 nm, flow rate: 1 µL/min.

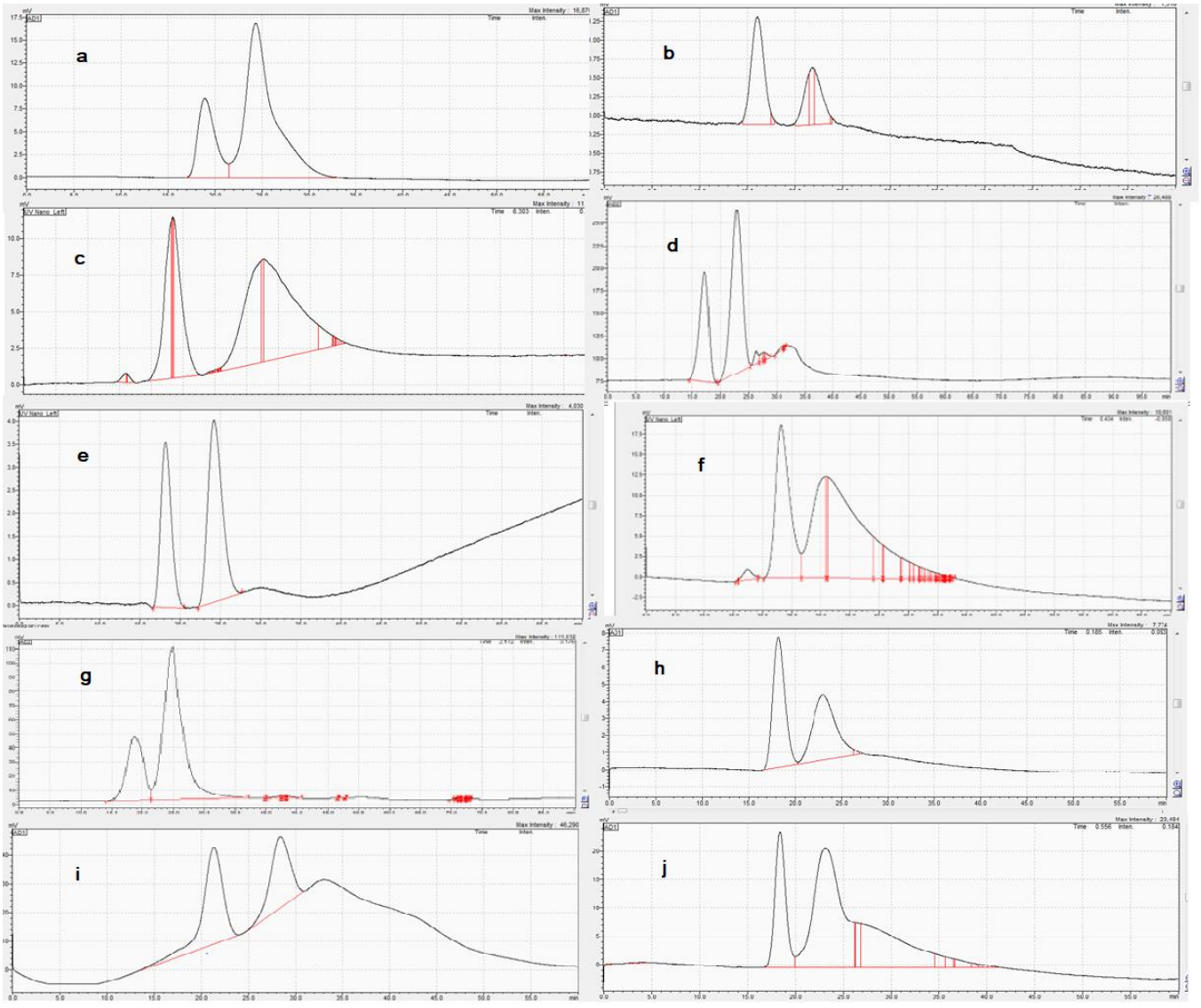
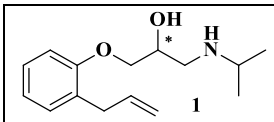


Figure 4: Enantioselective nano-lc separation of racemic tocainide (a), 4- hydroxy mandelic acid (b), clopidogrel (c), flavanone (d), alprenolol (e), propafenone (f), ibuprofen (g), ampicilline(h), metoprolol (i) and arternol (j) (Mobile phase: Methanol :water mixture v/v on L1 and L2 capillaries (150 µm ID, 25 cm length). UV: 219 nm, flow rate: 1 µL/min.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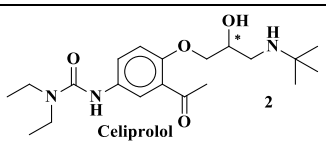
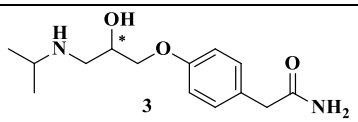
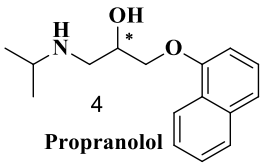
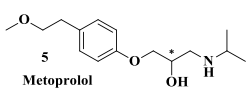
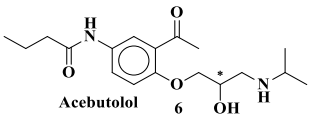
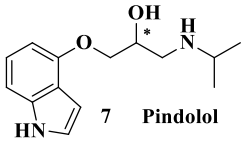

2 Celiprolol

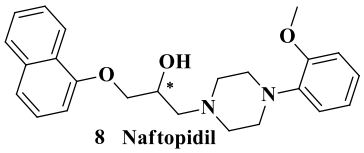

3 Atenolol

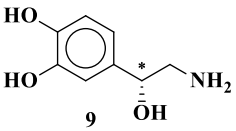

4 Propranolol

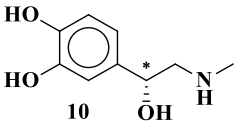

5 Metoprolol

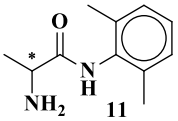

Acebutolol 6

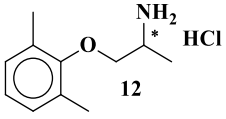

7 Pindolol

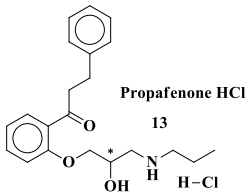

8 Naftopidil


9 Norepinephrine


10 Epinephrine HCl


11 Tocainide


12 Mexiletine HCl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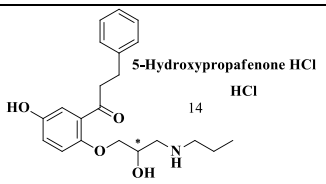
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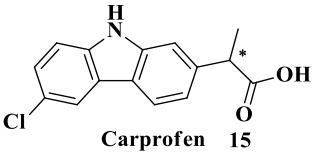
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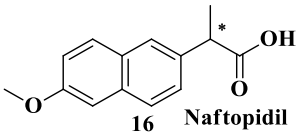
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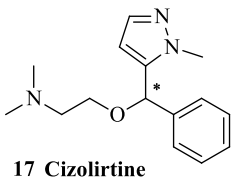
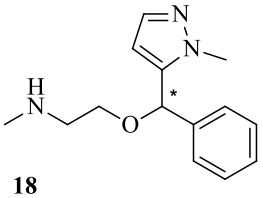

17 Cizolirtine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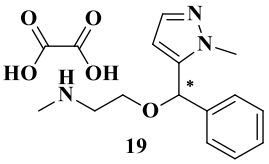
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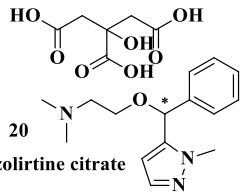
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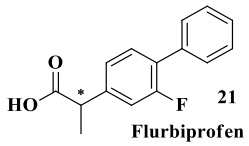
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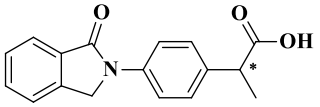
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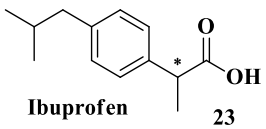
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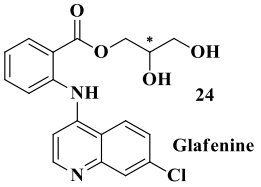
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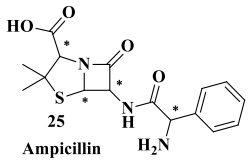
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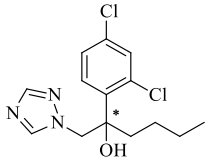
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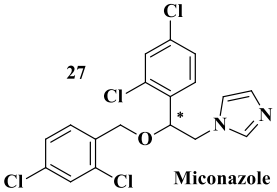
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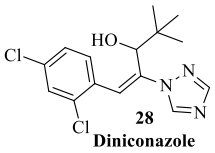
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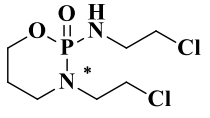
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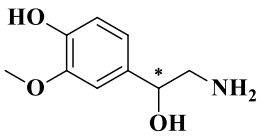
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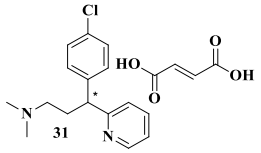
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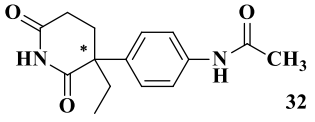
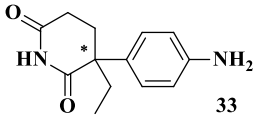

32 N-acetyl aminoglutethimide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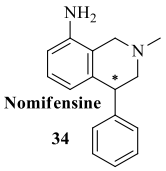
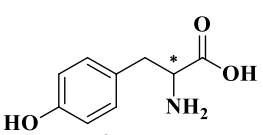

Nomifensine 34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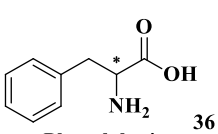
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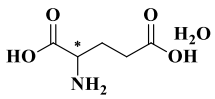
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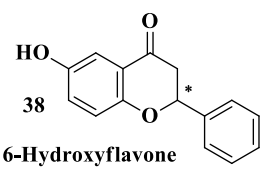
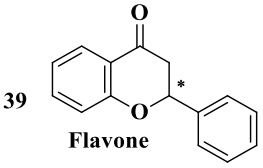

38 6-Hydroxyflavone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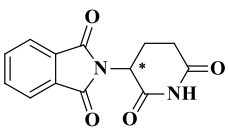
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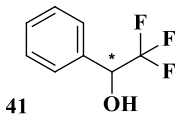
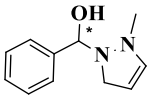
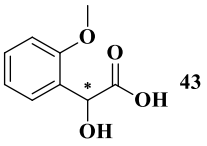
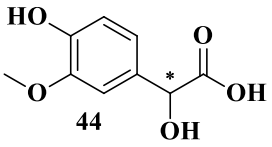
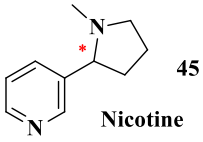
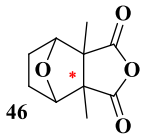
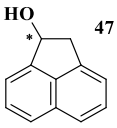
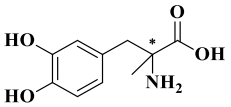
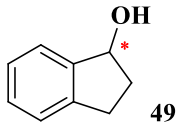
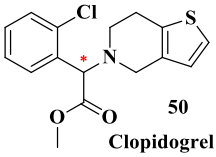
 41 1-Phenyl-2,2,2-trifluoroethanol	 42 5-alpha-Hydroxybenzyl-1-methylpyrazole	 43 *O*-Methoxymandilic acid	 44 4-Hydroxy-3-methoxymandelic acid
 45 Nicotine	 46 Cantharidin	 47 1-Acenaphthenol	 48 2-methyl-3-(3,4-Dihydroxyphenyl)-DL-alanine
 49 1-Indanol	 50 Clopidogrel		

Figure 5: Chemical structures of the tested racemic compounds