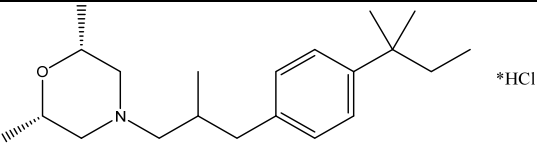
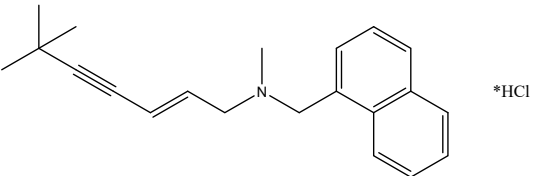
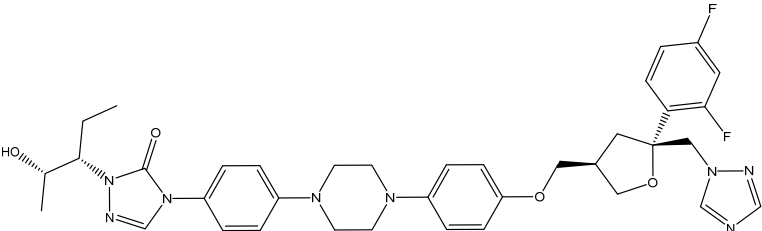
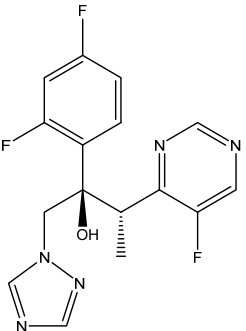
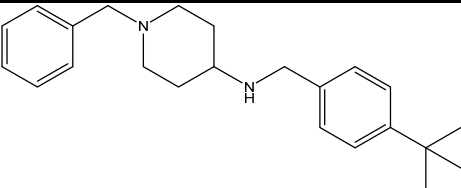
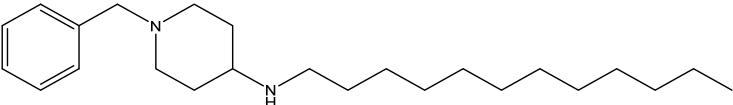
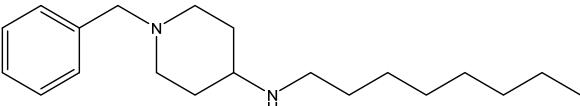
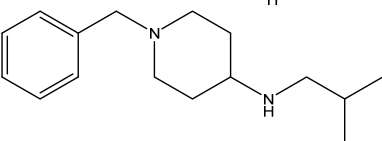
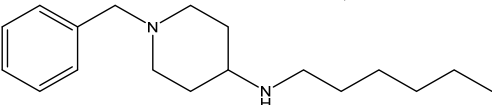
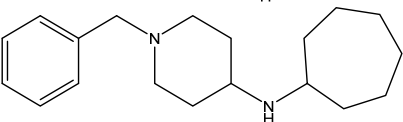
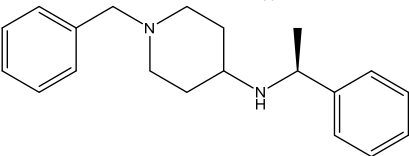
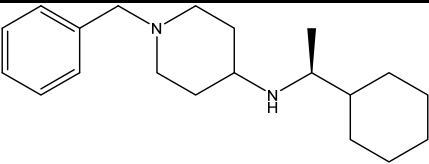
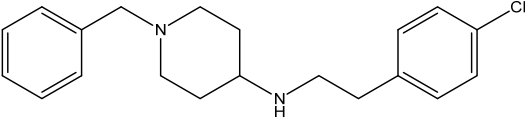
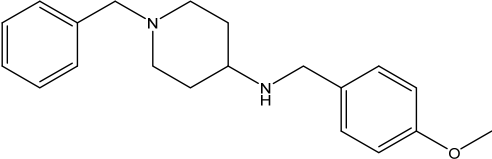
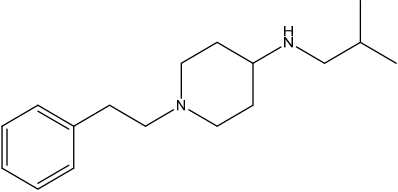
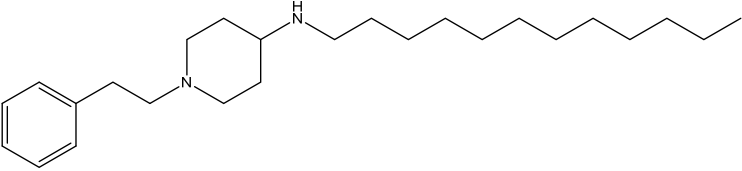
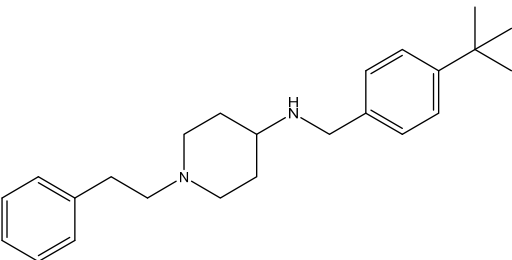
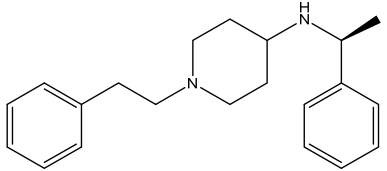
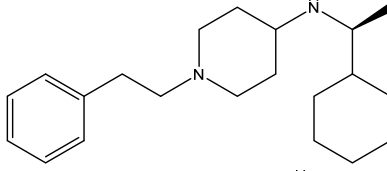
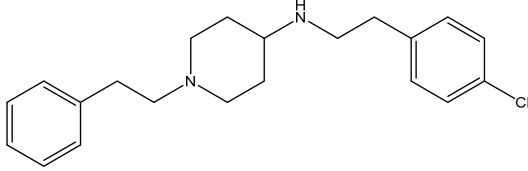
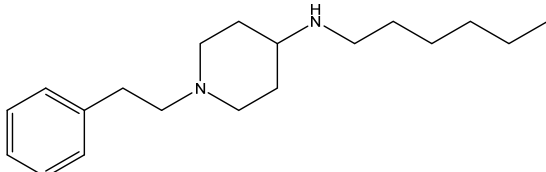
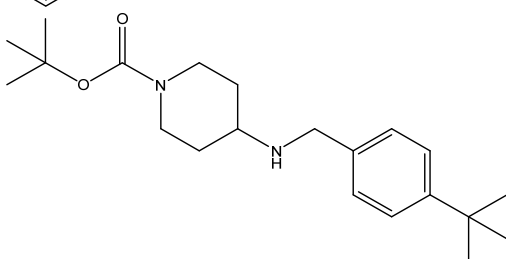


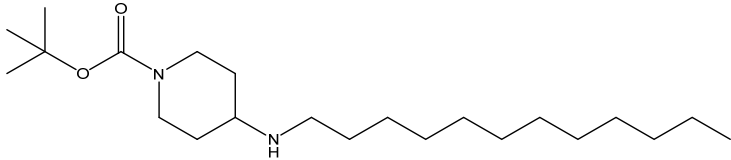
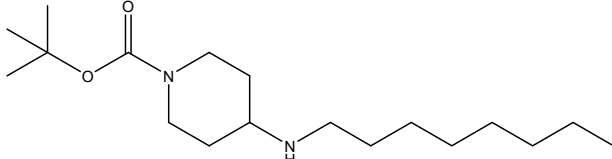
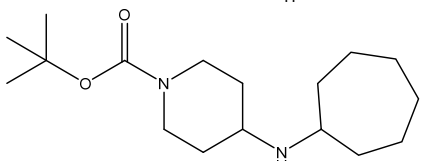
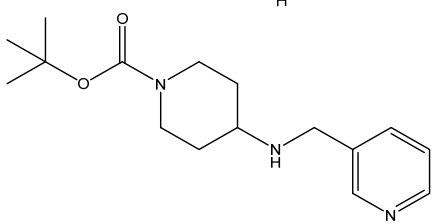
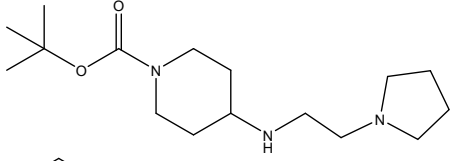
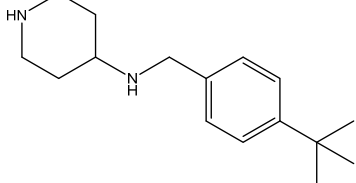
Supporting Information Table S1. Overview of synthesized compounds and antifungal activity screening on *Yarrowia lipolytica*; n.d. not determined. Reference antifungals: amorolfine hydrochloride, terbinafine hydrochloride, posaconazole, voriconazole.

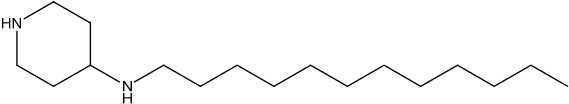
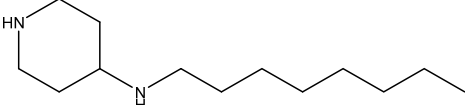
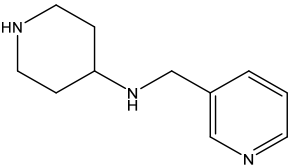
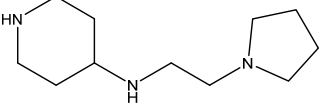
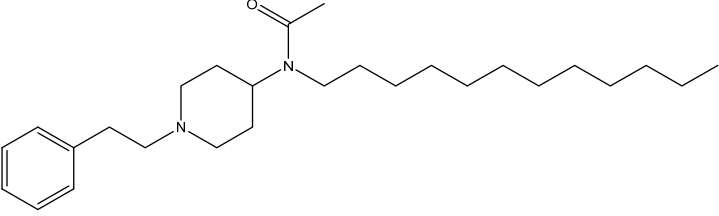
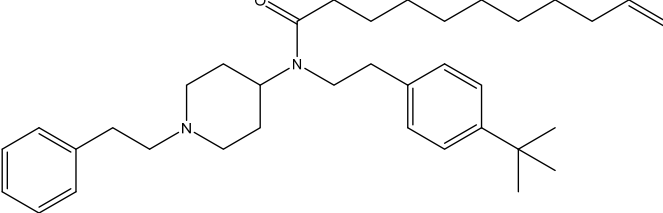
| Name | Structure | Formula | Molecular weight [g/mol] | MIC [$\mu\text{g/mL}$] |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------|--------------------------|
| Amorolfine hydrochloride |  <chem>CC(C)(C)C1=CC=C(C(C)(C)C)C=C1CCN2CC[C@H](C)O2.Cl</chem> | $\text{C}_{21}\text{H}_{35}\text{NO}$ | 317.52 | 0.6 |
| Terbinafine hydrochloride |  <chem>CC(C)(C)C#CC=CCN1CC[C@H](C1)C2=CC=CC=C3C=CC=CC23.Cl</chem> | $\text{C}_{21}\text{H}_{25}\text{N}$ | 291.44 | 0.4 |
| Posaconazole |  <chem>CC(C)(C)C#CC=CCN1CC[C@H](C1)C2=CC=CC=C3C=CC=CC23O[C@H]4C[C@@H](C5=CC=CC=C5F)O[C@H](C6=CC=CC=C6F)C4</chem> | $\text{C}_{37}\text{H}_{42}\text{F}_2\text{N}_8\text{O}_4$ | 700.79 | 0.8 |
| Voriconazole |  <chem>CC(C)(C)C#CC=CCN1CC[C@H](C1)C2=CC=CC=C3C=CC=CC23O[C@H]4C[C@@H](C5=CC=CC=C5F)O[C@H](C6=CC=CC=C6F)C4</chem> | $\text{C}_{16}\text{H}_{14}\text{F}_3\text{N}_5\text{O}$ | 349.32 | 0.4 |

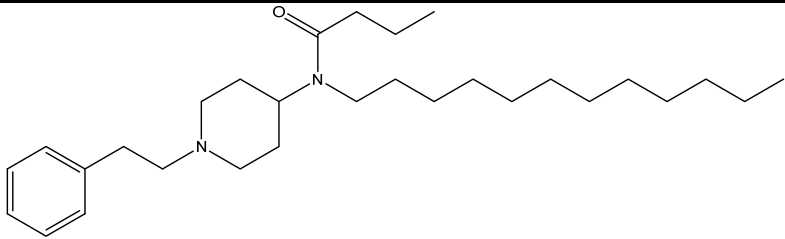
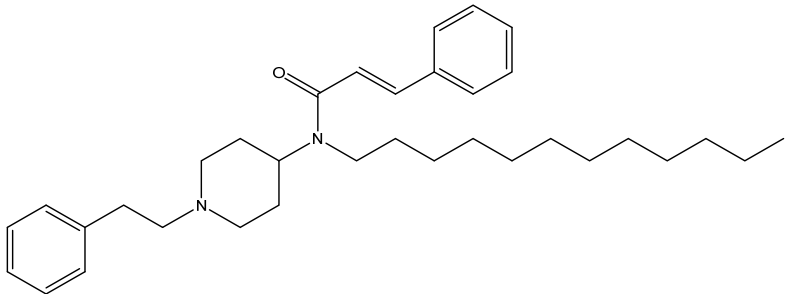
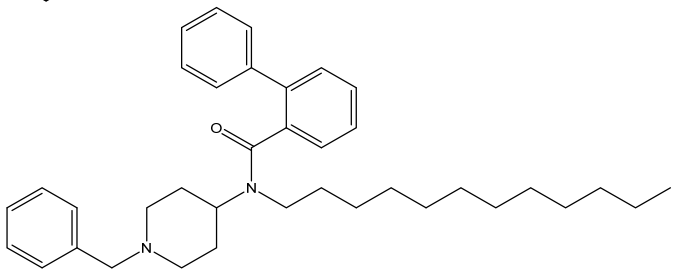
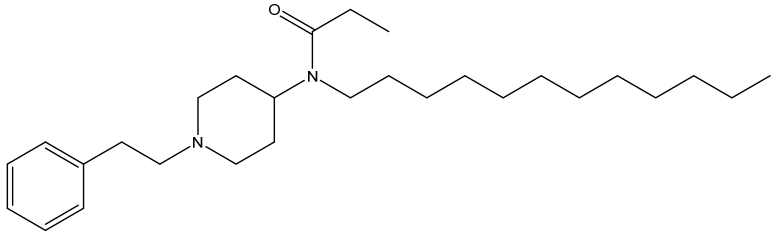
| Name | Structure | Formula | Molecular weight [g/mol] | MIC [μg/mL] |
|------|-------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------|----------------|
| 2a |  | C ₂₃ H ₃₂ N ₂ | 336.26 | 10 |
| 2b |  | C ₂₄ H ₄₂ N ₂ | 358.61 | 2 |
| 2c |  | C ₂₀ H ₃₄ N ₂ | 302.51 | 25 |
| 2d |  | C ₁₆ H ₂₆ N ₂ | 246.40 | >200 |
| 2e |  | C ₁₈ H ₃₀ N ₂ | 274.45 | >200 |
| 2f |  | C ₁₉ H ₃₀ N ₂ | 286.46 | >200 |
| 2g |  | C ₂₀ H ₂₆ N ₂ | 294.21 | >200 |

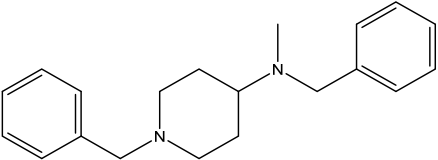
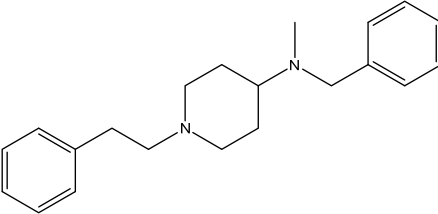
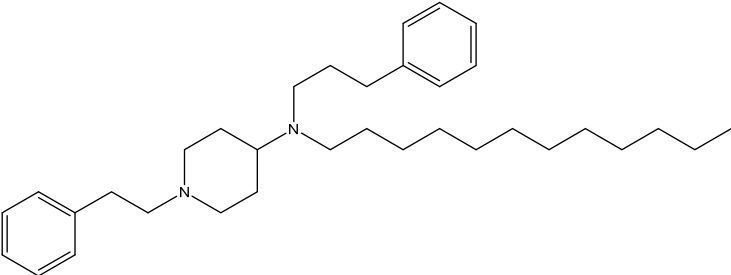
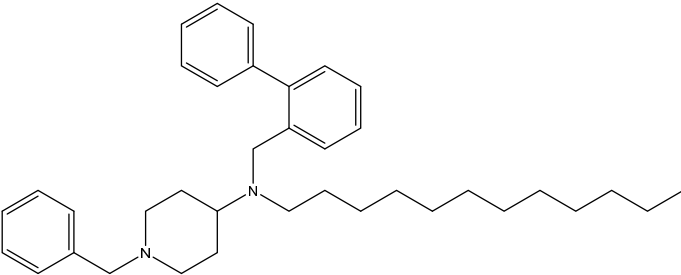
| Name | Structure | Formula | Molecular weight [g/mol] | MIC [$\mu\text{g/mL}$] |
|------|--------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|--------------------------|
| 2h |  | $\text{C}_{20}\text{H}_{32}\text{N}_2$ | 300.49 | >200 |
| 2i |  | $\text{C}_{20}\text{H}_{25}\text{ClN}_2$ | 328.17 | 100 |
| 2j |  | $\text{C}_{20}\text{H}_{26}\text{N}_2\text{O}$ | 310.44 | >200 |
| 3a |  | $\text{C}_{17}\text{H}_{28}\text{N}_2$ | 260.23 | 200 |
| 3b |  | $\text{C}_{25}\text{H}_{44}\text{N}_2$ | 372.64 | 0.8 |
| 3c |  | $\text{C}_{24}\text{H}_{34}\text{N}_2$ | 350.55 | 5 |

| Name | Structure | Formula | Molecular weight [g/mol] | MIC [$\mu\text{g/mL}$] |
|------|-------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|--------------------------|
| 3d |  | $\text{C}_{21}\text{H}_{28}\text{N}_2$ | 308.47 | >200 |
| 3e |  | $\text{C}_{21}\text{H}_{34}\text{N}_2$ | 314.27 | >200 |
| 3f |  | $\text{C}_{21}\text{H}_{27}\text{ClN}_2$ | 342.91 | 50 |
| 3g |  | $\text{C}_{19}\text{H}_{32}\text{N}_2$ | 288.48 | 75 |
| 4a |  | $\text{C}_{21}\text{H}_{34}\text{N}_2\text{O}_2$ | 346.26 | 25 |

| Name | Structure | Formula | Molecular weight [g/mol] | MIC [μg/mL] |
|------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------|----------------|
| 4b |  | C ₂₂ H ₄₄ N ₂ O ₂ | 368.34 | 3 |
| 4c |  | C ₁₈ H ₃₆ N ₂ O ₂ | 312.28 | 75 |
| 4d |  | C ₁₇ H ₃₂ N ₂ O ₂ | 296.24 | >200 |
| 4e |  | C ₁₆ H ₂₅ N ₃ O ₂ | 291.19 | >200 |
| 4f |  | C ₁₆ H ₃₁ N ₃ O ₂ | 297.44 | >200 |
| 5a |  | C ₁₆ H ₂₆ N ₂ | 246.21 | 150 |

| Name | Structure | Formula | Molecular weight [g/mol] | MIC [$\mu\text{g/mL}$] |
|------|--------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|--------------------------|
| 5b |  | $\text{C}_{17}\text{H}_{36}\text{N}_2$ | 268.29 | 5 |
| 5c |  | $\text{C}_{13}\text{H}_{28}\text{N}_2$ | 212.23 | >200 |
| 5e |  | $\text{C}_{11}\text{H}_{17}\text{N}_3$ | 191.14 | >200 |
| 5f |  | $\text{C}_{11}\text{H}_{23}\text{N}_3$ | 197.19 | >200 |
| 6a |  | $\text{C}_{27}\text{H}_{46}\text{N}_2\text{O}$ | 414.36 | 75 |
| 6b |  | $\text{C}_{36}\text{H}_{54}\text{N}_2\text{O}$ | 530.42 | >200 |

| Name | Structure | Formula | Molecular weight [g/mol] | MIC [$\mu\text{g/mL}$] |
|------|--------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|--------------------------|
| 6c |  | $\text{C}_{29}\text{H}_{50}\text{N}_2\text{O}$ | 442.39 | >200 |
| 6d |  | $\text{C}_{34}\text{H}_{50}\text{N}_2\text{O}$ | 502.39 | >200 |
| 6e |  | $\text{C}_{37}\text{H}_{50}\text{N}_2\text{O}$ | 538.39 | >200 |
| 6f |  | $\text{C}_{28}\text{H}_{48}\text{N}_2\text{O}$ | 428.38 | >200 |

| Name | Structure | Formula | Molecular weight [g/mol] | MIC [$\mu\text{g/mL}$] |
|------|-------------------------------------------------------------------------------------|----------------------------------------|--------------------------|--------------------------|
| 7a |  | $\text{C}_{20}\text{H}_{26}\text{N}_2$ | 294.21 | >200 |
| 7b |  | $\text{C}_{21}\text{H}_{28}\text{N}_2$ | 308.47 | >200 |
| 8d |  | $\text{C}_{34}\text{H}_{54}\text{N}_2$ | 490.43 | 75 |
| 8e |  | $\text{C}_{37}\text{H}_{52}\text{N}_2$ | 524.41 | >200 |