**Supplementary Material 4**

**TABLE 1**. List of compounds common to *C. africana* and its endophytes

|  |  |  |
| --- | --- | --- |
| **Organisms** | **Common compounds** | **Formulae** |
| ***C. africana***  **Fungal endophytes**  **Bacterial endophytes** | n-Tridecan-1-ol | C13H28O |
| Tetradecane | C14H30 |
| Hexadecane | C16H34 |
| 9,12,15-Octadecatrienoic acid, methyl ester, (Z,Z,Z)- | C19H32O2 |
| Eicosane | C20H42 |
| Pentacosane | C25H52 |
| Heptacosane | C27H56 |
| Butane, 1-propoxy- | C7H16O |
| p-Xylene | C8H10 |
| Cyclohexane, 1,1-dimethyl- | C8H16 |
| Heptane, 4-methyl- | C8H18 |
| 2-Propylhexanal | C9H18O |
| Octane, 3-methyl- | C9H20 |
| n-Tridecan-1-ol | C13H28O |
| ***C. africana***  **Fungal endophytes** | Cyclopropanecarboxylic acid, 2-(1,1-dimethylethyl)-1,2-dimethyl-, methyl ester, cis- | C11H20O2 |
| 1,1-Cyclopentanedicarboxylic acid, 3,4-bis(methylene)-, diethyl ester | C13H18O4 |
| Acetonyl decyl ether | C13H26O2 |
| 9,12-Octadecadienoic acid (Z,Z)-, 2-hydroxy-1-(hydroxymethyl)ethyl ester | C21H38O4 |
| 2H-tetrazole, 2-acetyl- | C3H4N4O |
| Acetic acid, 1-methylethyl ester | C5H10O2 |
| Bicyclo[1.1.1]pentane-1,3-dithiol | C5H8S2 |
| 3-Hexen-1-ol, (Z)- | C6H12O |
| 2,3-Heptanedione | C7H12O2 |
| Hexane, 2-methyl- | C7H16 |
| Cyclopentanol, 2-ethenyl-2-methoxy-, trans- | C8H14O2 |
| 3-Hexanol, 4,4-dimethyl- | C8H18O |
| ***C. africana***  **Bacterial endophytes** | Heneicosane | C21H44 |
| Squalene | C30H50 |
| Triacontane | C30H62 |
| Hydroperoxide, 1-methylpentyl | C6H14O2 |
| 4,4-Dideuteriomethoxycyclohexane | C7H12D2O |

**TABLE 2**. List of compounds common to fungal and bacterial endophytes

|  |  |  |
| --- | --- | --- |
| **Organisms** | **Common compounds** | **Formulae** |
| **Fungal endophytes**  **Bacterial endophytes** | Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro- | C7H10N2O2 |
| 1H-Indene, 2,3-dihydro- | C9H10 |
| 2-Phenylpropanal | C9H10O |
| Benzene, 1,2,4-trimethyl- | C9H12 |
| Cyclopentane, (1,1-dimethylethyl)- | C9H18 |
| Benzene, 1-propynyl- | C9H8 |
| Benzene, 1-methyl-2-(1-methylethyl)- | C10H14 |
| 5H,10H-dipyrrolo[1,2-a:1',2'-d]pyrazine-5,10-dione, octahydro-, (5as-cis)- | C10H14N2O2 |
| 1-Octene, 3-ethyl- | C10H20 |
| Acetic acid, 2-ethylhexyl ester | C10H20O2 |
| Hexane, 2,2,3,3-tetramethyl- | C10H22 |
| Azulene | C10H8 |
| Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-3-(2-methylpropyl)- | C11H18N2O2 |
| Octane, 2,4,6-trimethyl- | C11H24 |
| 1,2-Benzenedicarboxylic acid, diethyl ester | C12H14O4 |
| Cyclopropane, 1-ethyl-2-heptyl- | C12H24 |
| 1-Iodo-2-methylundecane | C12H25I |
| Undecane, 2-methyl- | C12H26 |
| 1-Dodecanol | C12H26O |
| Decane, 2,4,6-trimethyl- | C13H28 |
| Pyrrolo[1,2-a]pyrazine-1,4-dione, hexahydro-3-(phenylmethyl)- | C14H16N2O2 |
| 2,6-di-butyl-2,5-cyclohexadiene-1,4-dione | C14H20O2 |
| Phenol, 2,4-bis(1,1-dimethylethyl)- | C14H22O |
| 3-Tetradecene, (z)- | C14H28 |
| 4,6-di-tert-Butyl-m-cresol | C15H24O |
| trans-7-pentadecene | C15H30 |
| Tetradecane, 2-methyl- | C15H32 |
| Dibutyl phthalate | C16H22O4 |
| 7-Hexadecene, (Z)- | C16H32 |
| 7,9-Ditert-butyl-1-oxaspiro[4.5]deca-6,9-diene-2,8-dione | C17H24O3 |
| Benzene, (1-methyldecyl)- | C17H28 |
| Oxalic acid, allyl dodecyl ester | C17H30O4 |
| Hexadecanoic acid, methyl ester | C17H34O2 |
| Hexadecane, 4-methyl- | C17H36 |
| Sulfurous acid, 2-propyl tetradecyl ester | C17H36O3S |
| Benzene, (1-ethyldecyl)- | C18H30 |
| 5-Octadecene, (e)- | C18H36 |
| Octadecane | C18H38 |
| Sulfurous acid, decyl 2-ethylhexyl ester | C18H38O3S |
| Octadecane, 4-methyl- | C19H40 |
| 10-Heneicosene (c,t) | C21H42 |
| Sulfurous acid, hexyl pentadecyl ester | C21H44O3S |
| Hexanedioic acid, bis(2-ethylhexyl) ester | C22H42O4 |
| 1-Docosene | C22H44 |
| 8-Heptylpentadecane | C22H46 |
| 1,2-Benzenedicarboxylic acid, diisooctyl ester | C24H38O4 |
| 1,2-Cyclohexanedicarboxylic acid, cyclohexylmethyl nonyl ester | C24H42O4 |
| Tetracosane | C24H50 |
| Tetracosane, 3-ethyl- | C26H54 |