| **Table S6.** Other organic compounds isolated from plants exhibiting antioxidant effects. | | | | |
| --- | --- | --- | --- | --- |
| **Compound No** | **Name** | **Species** | **Family** | **Reference** |
| O-1 | 1,10-epoxyovatifolin | *Podanthus mitiqui* | Asteraceae | [1] |
| *Podanthus ovatifolius* | Asteraceae | [1] |
| O-2 | 1,5-anhydro-D-glucitol | *Protea magnifica* × *Protea susanne* | Proteaceae | [2] |
| O-3 | 10,11-dehydrotremetone | *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| O-4 | 10,11-epoxytremetone | *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| O-5 | 10-nonacosanol | *Aruncus dioicus* | Rosaceae | [3] |
| O-6 | 11,13-dihydroovatifolin | *Podanthus mitiqui* | Asteraceae | [1] |
| *Podanthus ovatifolius* | Asteraceae | [1] |
| O-7 | 9,12-octadecadienoic acid | *Ricinus communis* | Euphorbiaceae | [4] |
| O-8 | 3,4-dimethoxycinnamic acid | *Lagenaria siceraria* | Cucurbitaceae | [5] |
| O-9 | 3-octanone | *Rosmarinus officinalis* | Lamiaceae | [6] |
| O-10 | 4-acetylacetophenone | *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| O-11 | 4-bromoacetophenone | *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| O-12 | 4-glucosylacetophenone | *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| O-13 | 4-methylacetophenone | *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| O-14 | 5-hexyltetrahydro-2*H*-pyran-2-one | *Cryptocarya latifolia* | Lauraceae | [7] |
| O-15 | acetophenone | *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| O-16 | arturin | *Podanthus mitiqui* | Asteraceae | [1] |
| *Podanthus ovatifolius* | Asteraceae | [1] |
| O-17 | cuminaldehyde | *Bunium persicum* | Apiaceae | [8] |
| O-18 | cuminyl acetate | *Bunium persicum* | Apiaceae | [8] |
| O-19 | deacetylovatifolin | *Podanthus mitiqui* | Asteraceae | [1] |
| *Podanthus ovatifolius* | Asteraceae | [1] |
| O-20 | hypericin | *Hypericum triquetrifolium* | Hypericaceae | [9] |
| *Hypericum triquetrifolium* | Hypericaceae | [10] |
| O-21 | jatrocin A | *Durio zibethinus* | Malvaceae | [11] |
| O-22 | lysoPC(16:0) (1-palmitoyl-2-hydroxy-sn-glycero-3-phosphocholine) | *Cudrania tricuspidata* | Moraceae | [12] |
| O-23 | lysoPC(18:2) (1-[(11Z)-octadecenoyl]-sn-glycero-3-phosphocholine) | *Cudrania tricuspidata* | Moraceae | [12] |
| O-24 | methyl ricinoleate | *Ricinus communis* | Euphorbiaceae | [4] |
| O-25 | ovatifolin | *Podanthus mitiqui* | Asteraceae | [1] |
| *Podanthus ovatifolius* | Asteraceae | [1] |
| O-26 | ovatifolin acetate | *Podanthus mitiqui* | Asteraceae | [1] |
| *Podanthus ovatifolius* | Asteraceae | [1] |
| O-27 | palmitic acid | *Aruncus dioicus* | Rosaceae | [3] |
| O-28 | pentacosan-1-ol | *Aruncus dioicus* | Rosaceae | [3] |
| O-29 | quinic acid | *Pyrus pyrifolia* | Rosaceae | [13] |
| O-30 | ricinoleic acid | *Ricinus communis* | Euphorbiaceae | [4] |
| O-31 | sesamin | *Melicope glabra* | Rutaceae | [14] |
| O-32 | taurine | *Opuntia ficus-indica* | Cactaceae | [15] |
| O-33 | tremetone | *Baccharis linearis* | Asteraceae | [1] |
| *Baccharis magellanica* | Asteraceae | [1] |
| *Baccharis umbelliformis* | Asteraceae | [1] |
| O-34 | 2,6,10-trimethyldodec-2-en-1-oyl-1-*O*-α-L-arabinopyranosyl-(2a→1b)-2a-*O*-α-L-arabinopyranosyl-(2b→1c)-2b-*O*-α-L-arabinopyranosyl-(2c→1d)-2c-*O*-α-L-arabinopyranosyl-(2d→1e)-2d-*O*-α-L-arabinopyranosyl-(2e→1f)-2e-*O*-α-L-arabinopyranosyl-(2f→1g)-2f-*O*-α-L-arabinopyranoside | *Lycium chinense* | Solanaceae | [16] |
| O-35 | β-D-glucopyranosyl-(2a→1b)-2a-*O*-β-L-arabinopyranosyl- (2b→1c)-2b-*O*-β-L-arabinopyranosyl-(2c→1d)-2c-*O*-β-L-arabinopyranosyl-( 2d→1e)-2d-*O*-β-L-arabinopyranosyl-(2e→1f)-2e-*O*-β-L-arabinopyranoside | *Lycium chinense* | Solanaceae | [16] |
| O-36 | (2*E*)-7-hydroxy-3,7-dimethyl-2-octenyl α-L-arabinopyranosyl (1→6)-β-D-glucopyranoside | *Prunus mume* | Rosaceae | [17] |
| O-37 | (*E*)-4-(hydroxymethyl)phenyl-6-*O*-caffeoyl-β-D-glucopyranoside | *Lagenaria siceraria* | Cucurbitaceae | [5] |
| O-38 | epiprogoitrin | Cruciferae | Brassicaceae | [18] |
| O-39 | glucoiberin | Cruciferae | Brassicaceae | [18] |
| O-40 | gluconapin | Cruciferae | Brassicaceae | [18] |
| O-41 | gluconasturtiin | Cruciferae | Brassicaceae | [18] |
| O-42 | glucoraphanin | Cruciferae | Brassicaceae | [18] |
| O-43 | glucoraphanin | Cruciferae | Brassicaceae | [18] |
| O-44 | prunasin | *Prunus mume* | Rosaceae | [17] |
| O-45 | sinigrin | Cruciferae | Brassicaceae | [18] |
| O-46 | amygdalin | *Prunus mume* | Rosaceae | [17] |
| O-47 | benzyl-α-L-arabinofuranosyl (1→6)-β-D-glucopyranoside | *Prunus mume* | Rosaceae | [17] |
| O-48 | benzyl-α-L-arabinopyranosyl-(1→6)-β-D-glucopyranoside | *Prunus mume* | Rosaceae | [17] |
| O-49 | benzyl-β-D-glucopyranoside | *Prunus mume.* | Rosaceae | [17] |
| O-50 | benzyl-β-D-xylopyranosyl-(1→6)-β-D-glucopyranoside | *Prunus mume* | Rosaceae | [17] |
| O-51 | eleocharin C | *Eleocharis tuberosa* | Cyperaceae | [19] |
| O-52 | glucobarbarin | Cruciferae | Brassicaceae | [18] |
| O-53 | glucobrassicin | Cruciferae | Brassicaceae | [18] |
| O-54 | glucocheorolin | Cruciferae | Brassicaceae | [18] |
| O-55 | glucoerucin | Cruciferae | Brassicaceae | [18] |
| O-56 | glucosibarin | Cruciferae | Brassicaceae | [18] |
| O-57 | glucotropaeolin | Cruciferae | Brassicaceae | [18] |
| O-58 | guangsangons H | *Morus macroura* | Moraceae | [20] |
| O-59 | guangsangons H | *Morus macroura.* | Moraceae | [20] |
| O-60 | guangsangons J | *Morus macroura* | Moraceae | [20] |
| O-61 | docos-9,12-dienoyl-α-D-glucopyranosyl-(2a→1b)-2a-*O*-α-D glucopyranosyl-(2b→1c)-2b-*O*-α-D-glucopyranosyl-(2c→1d)-2c-*O*-α-D-glucopyranosyl-(2d→1e)-2d-*O*-α-D-glucopyranosyl-(2e→1f)-2e-*O*-α-D-glucopyranoside | *Lycium chinense* | Solanaceae | [16] |
| O-62 | progoitrin | Cruciferae | Brassicaceae | [18] |
| O-63 | sanshiside-D | *Mussaenda phillipica* | Rubiaceae | [21] |
| O-64 | 3’-formyl-6’,4-dihydroxy- 2’-methoxy-5’-methylchalcone 4’-*O*- β -D-glucopyranoside | *Cleistocalyx operculatus* | Myrtaceae | [22] |

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