Table 1: Chemical Information of Three Plasticizers

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| Plasticizer | Chemical Formula | SMILES Structure | MW (g/mol) |
| Diethyl phthalate (DEP) | C12H14O4 | CCOC(=O)c1ccccc1C(=O)OCC | 222.24 |
| Dimethyl phthalate  (DMP) | C10H10O4 | COC(=O)C1=CC=CC=C1C(=O)OC | 194.18 |
| Dioctyl phthalate (DOP) | C24H38O4 | CCCCCCCCOC(=O)c1ccccc | 390.56 |