Project Euler Problem 12

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With inspiration from the equation:

$$d(n) = \prod_p (e_1 + 1) \dots (e_k + 1) \tag{1}$$

st $d(n)$ is the divisor function and $n = \prod_p p^{e_p}$ with k prime divisors.
We know that we can decrease the size of our loop by decreasing the upper bound whenever a divisor was found, this shortened the code execution to give the valid solution.
Solution:76576500.