

|         | Crude Oil  | Algae Oil |
|---------|------------|-----------|
| C       | 84-87%     | 77-78%    |
| H       | 11-14%     | 11-12%    |
| S       | <0.1-8%    | <<0.1%    |
| N       | <0.1-1.5%  | ~0.5-4%   |
| O       | <0.1%      | 10-12%    |
| P       | <<0.1%     | 0.3-1%    |
| Olefins | <1%        | ?         |
| Metals  | <0.1-0.15% | ~0.05%    |

**Figure 1**

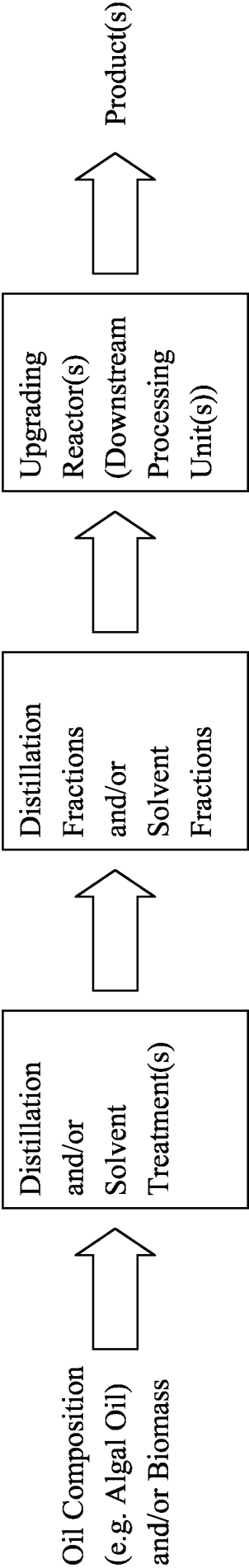


**Figure 2**

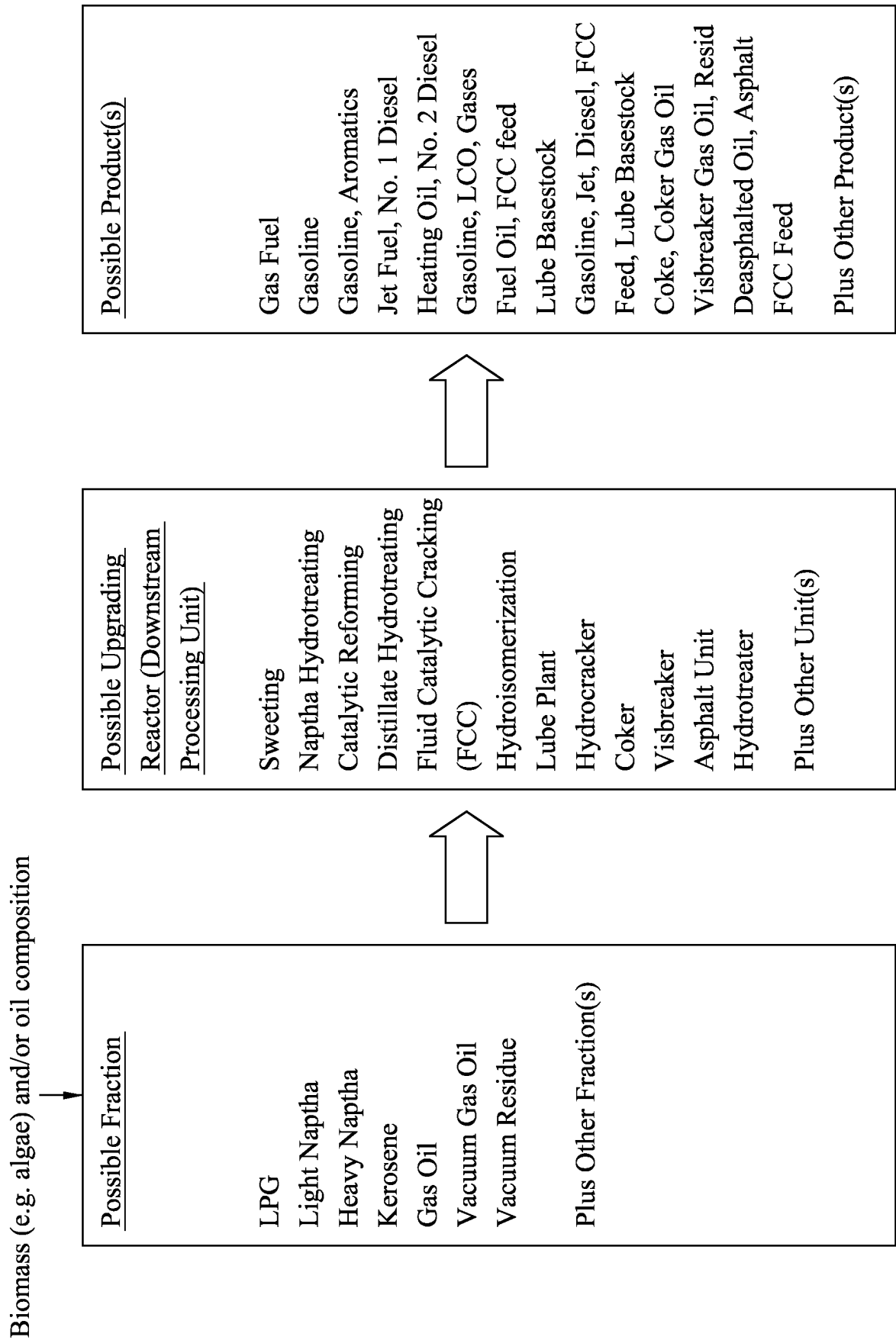


Figure 3

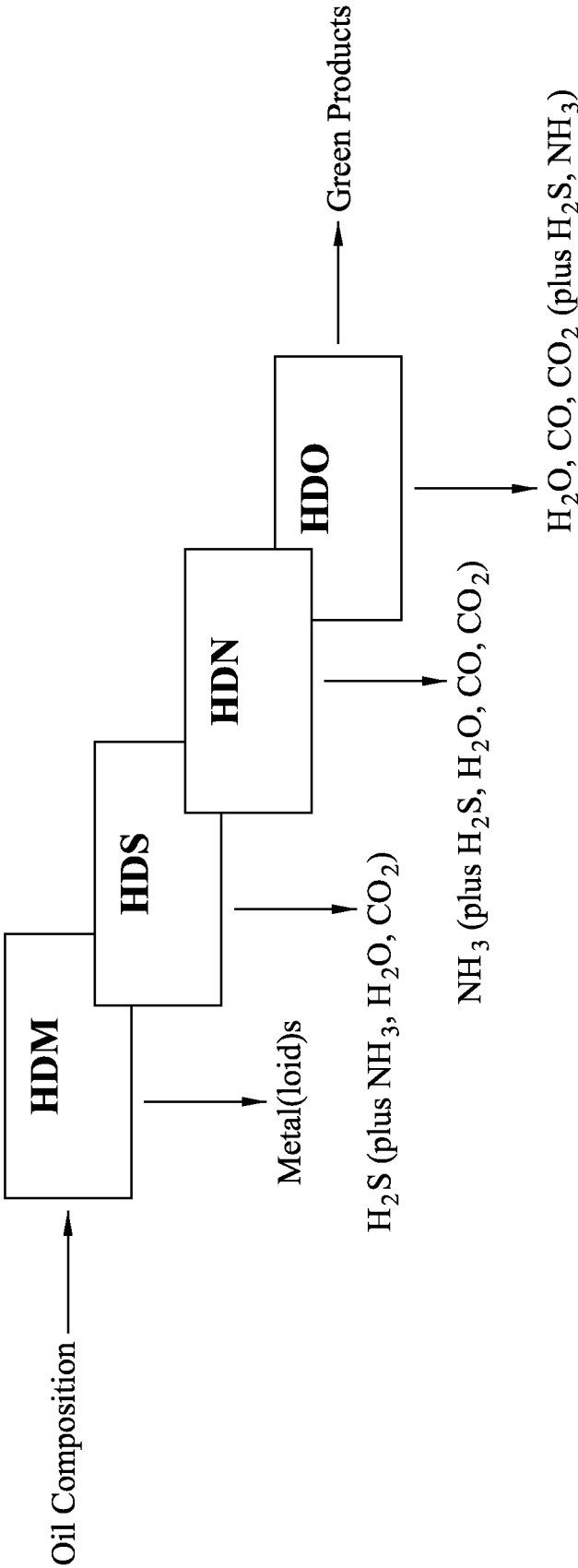
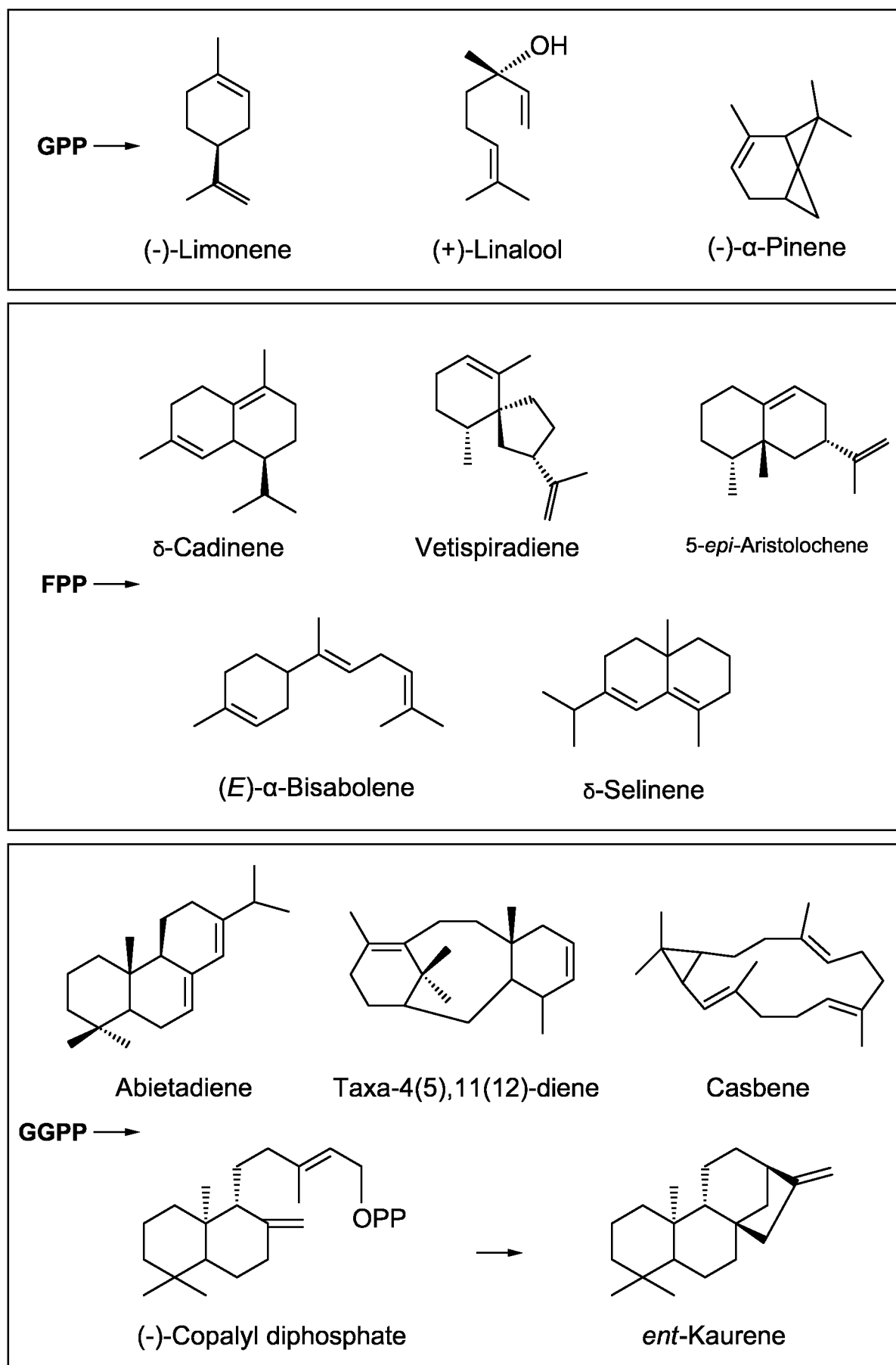
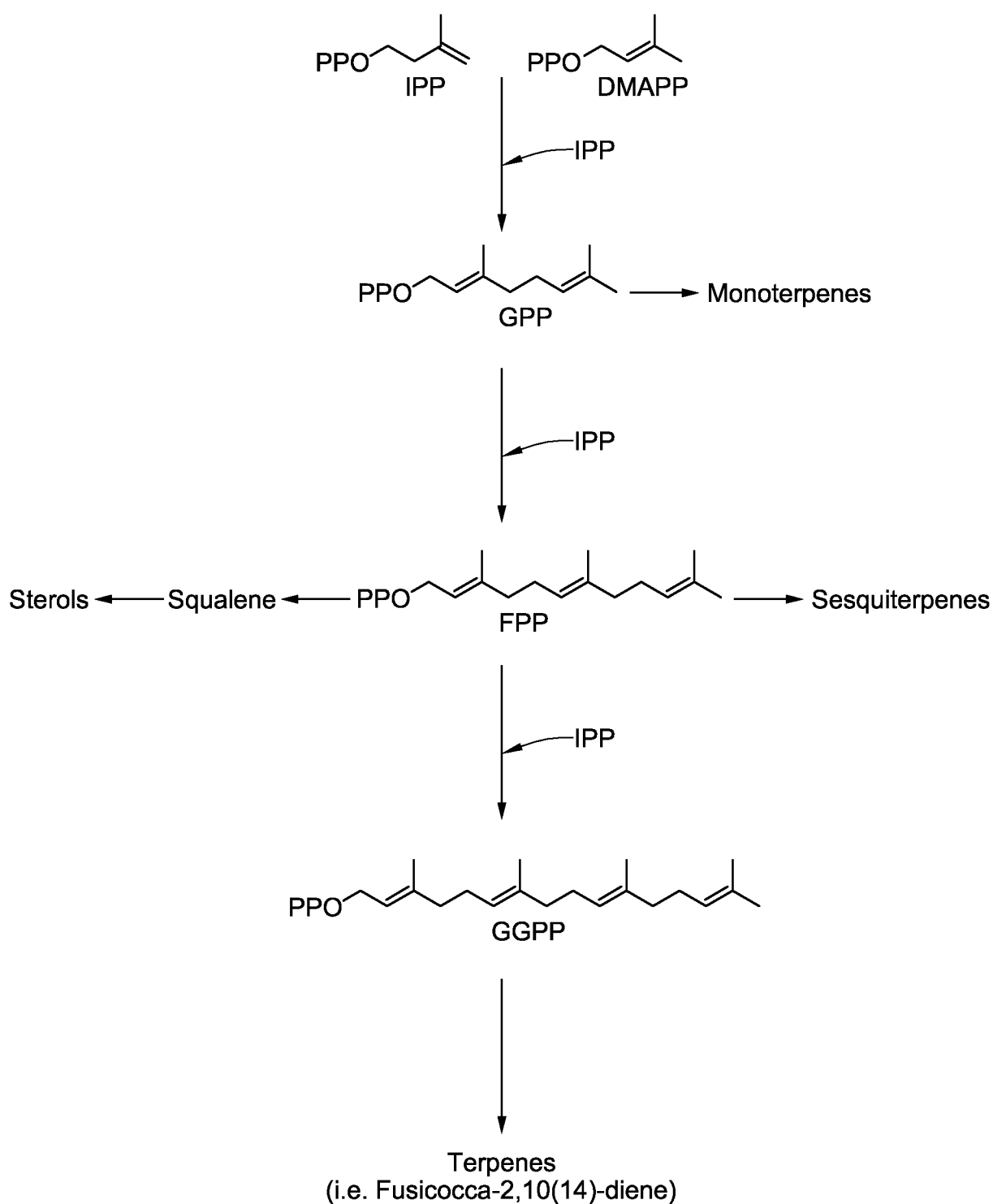


Figure 4

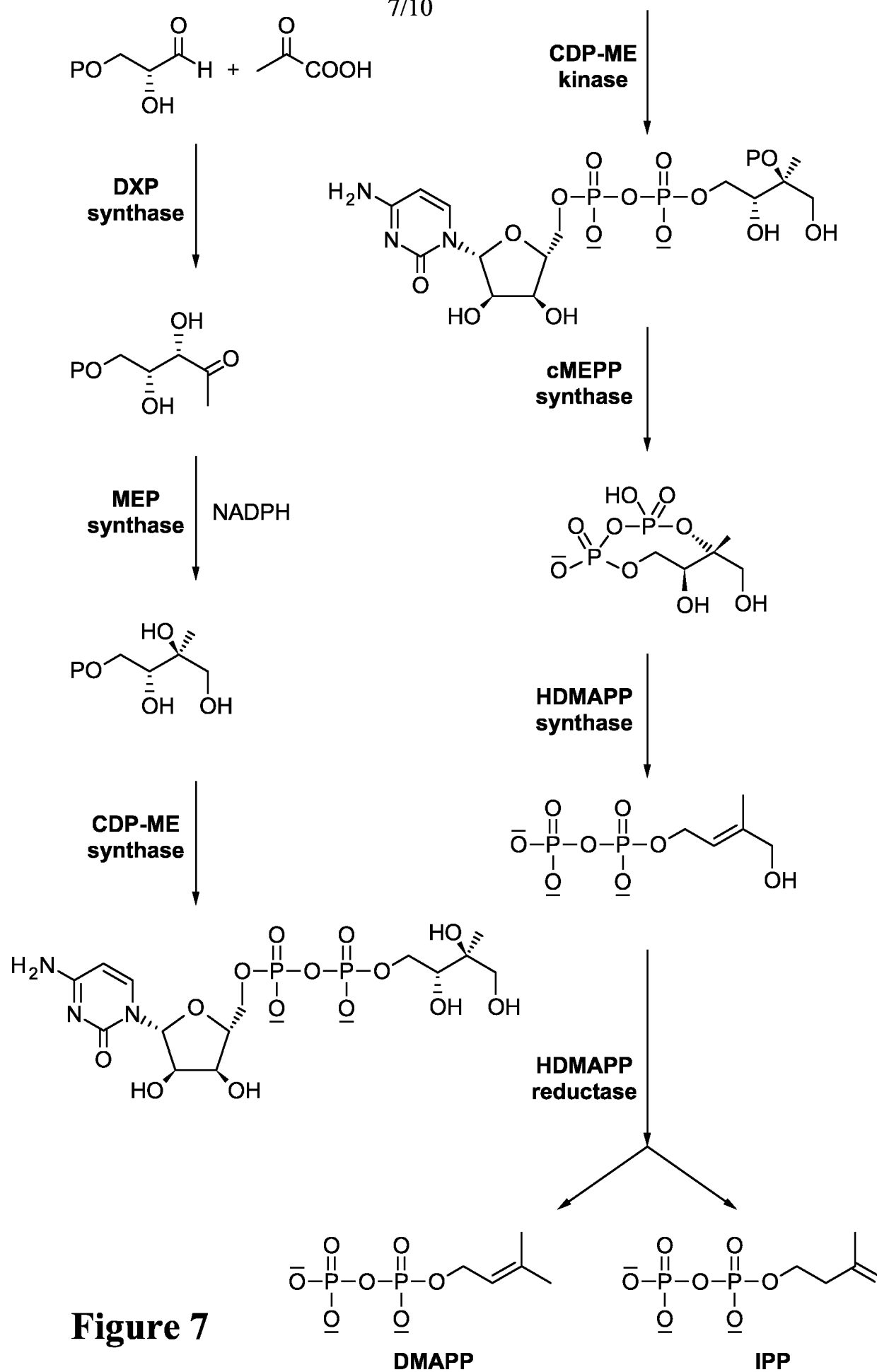
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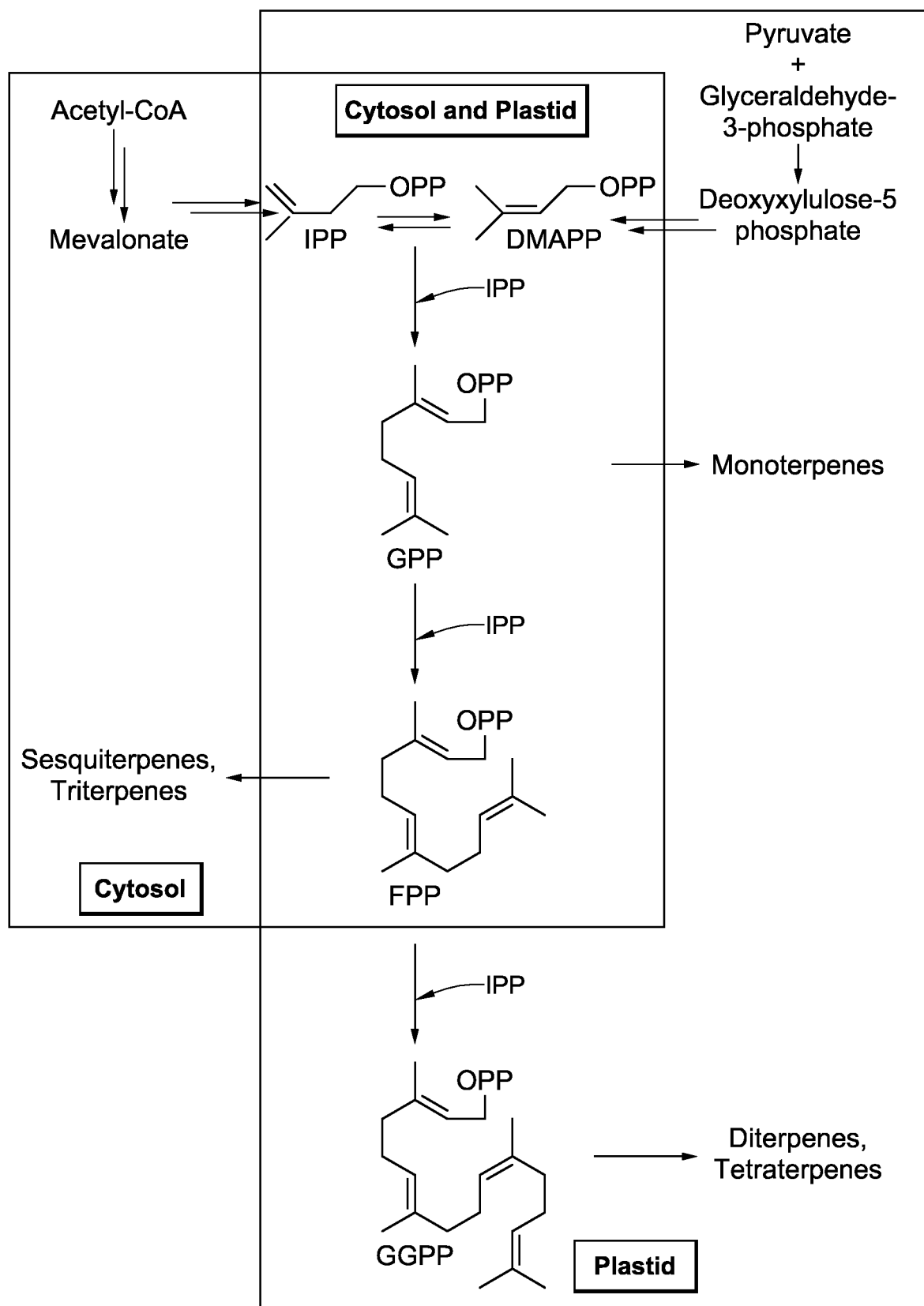
**Figure 5**

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**Figure 6**

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**Figure 8**

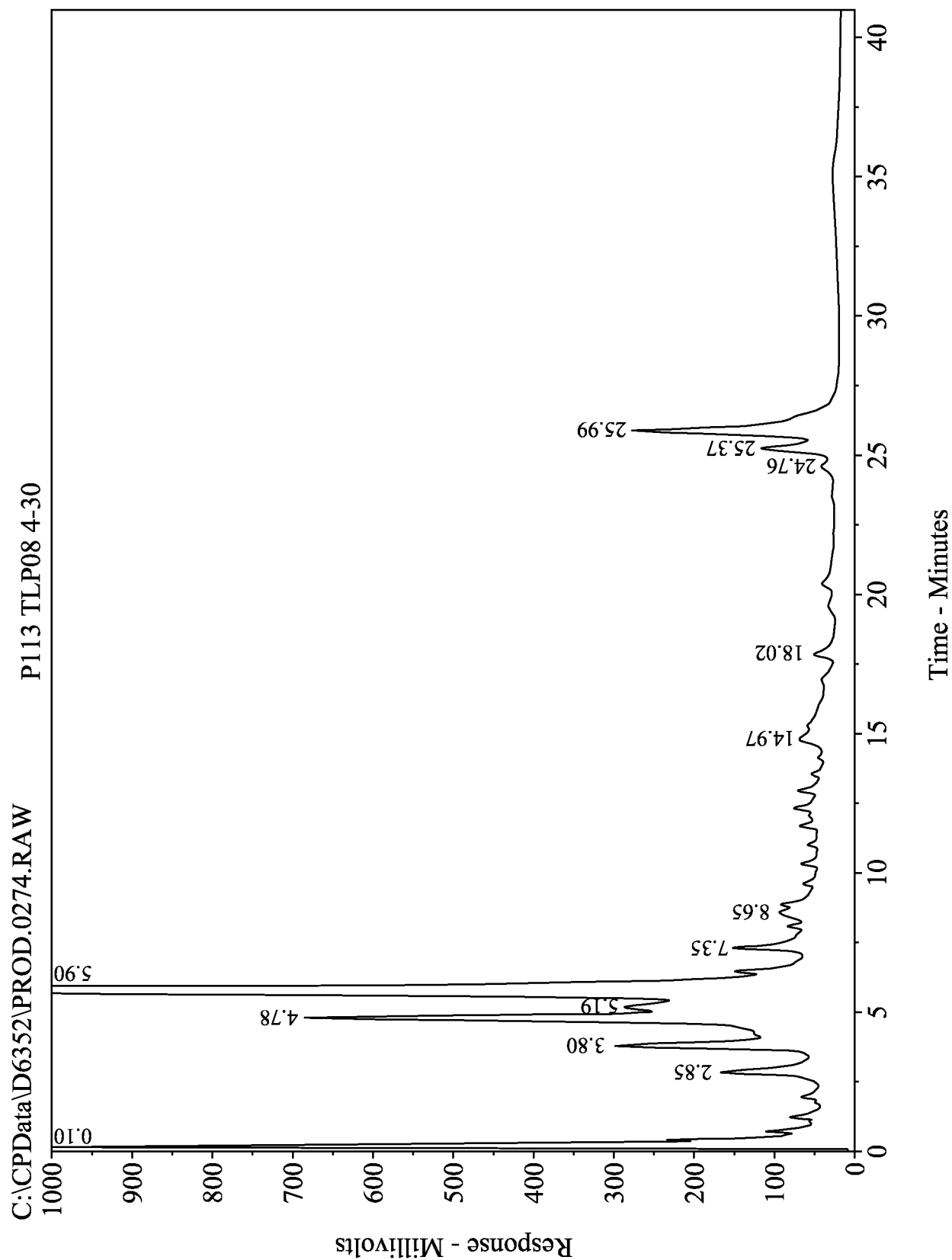


Figure 9

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**Figure 10**