# 1ère étape



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Produits | MW (g/mol) | Masse (g) | Nb mmol | V (mL) | Nb eq |
| Thionyl chloride | 118.97 |  | 62.0 | 4.50 | 20 |
| S5 | 433.50 | 1.33 | 3.10 |  | 1.0 |
| THF |  |  |  | 4.0 |  |
| S1 | 287.16 | 0.96 | 3.4 |  | 1.1 |

# 2ème étape



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Produits | MW (g/mol) | Masse (g) | Nb mmol | V (mL) |
| Sodium dithionite | 174.11 | 2 | 11.5 |  |
| Water |  |  |  | 10 |
| MeOH |  |  |  | 2.0 |
| Intermediate | 702.61 | all |  |  |
| THF |  |  |  | 10 |
| DCM |  |  |  | 10 |
| NaHCO3 |  |  |  | 5 |
| Brine |  |  |  | 10 |

# 3ème étape



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Produits | MW (g/mol) | Masse (g) | Nb mmol | V (mL) |
| Xylene |  |  |  | 10.00 |
| p-toluenesulfonic acid | 172.20 | 0.5 | 2.90 |  |
| K2CO3 |  |  |  | 1.0 |
| DCM |  |  |  | 100+450 |
| Intermediate 2 | 642.64 | all |  |  |

Rendement total des trois étapes : 67% (m=1.26g)