**Table 1.** Statistical branching ratios (%) for the C2H + propylene reaction at collision energies of 41.1 and 0 kJ mol−1.

|  |  |  |  |
| --- | --- | --- | --- |
| *E*c = 41.1 kJ mol−1 | | | |
| Initial intermediate | i1  100 | i3  100 | i4  100 |
| **p1** | 46.3 | 34.6 | 34.7 |
| **p2** | 11.8 | 15.1 | 15.1 |
| **p3** | 14.0 | 17.9 | 17.9 |
| **p4** | 7.2 | 9.2 | 9.2 |
| **p5** | 7.2 | 9.2 | 9.2 |
| **p6** | 6.2 | 7.9 | 7.9 |
| **p7** | 0.9 | 1.1 | 1.1 |
| **p8** | 1.2 | 1.6 | 1.6 |
| **p9** | 5.1 | 3.3 | 3.2 |
| **p10** | 0.1 | 0.1 | 0.1 |
|  |  |  |  |
| *E*c = 0 kJ mol−1 | | | |
| Initial intermediate | i1  100 | i3  100 | i4  100 |
| **p1** | 50.6 | 46.3 | 46.3 |
| **p2** | 12.6 | 14.0 | 14.0 |
| **p3** | 14.8 | 16.4 | 16.4 |
| **p4** | 5.4 | 6.0 | 6.0 |
| **p5** | 5.4 | 6.0 | 6.0 |
| **p6** | 5.0 | 5.6 | 5.6 |
| **p7** | 0.7 | 0.7 | 0.7 |
| **p8** | 0.8 | 0.9 | 0.9 |
| **p9** | 4.6 | 4.0 | 4.0 |
| **p10** | 0.1 | 0.1 | 0.1 |
|  |  |  |  |