|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Type** | **Parameter** | **Simulation Value** | **Reference Value** | **References** |
| **Size** |  | 74 μm | Extrapolation from measured data |  |
|  | 172 μm | Extrapolation from measured data |  |
|  | 10000 μm2 | Extrapolation from measured data | [24] |
|  | 4 × 10-5 s-1 | Fitted growth kinetics | [24] |
|  | 0.0107 μm-1 | Fitted growth kinetics | [24] |
| **Diffusion** |  | 0.1 μm2 s-1 | Wing Disc value | [29] |
|  | 0.033 μm2 s-1 | Measured | Fig. 3 |
|  | 0.00025 μm2 s-1 | ~0, acts inside cell |  |
|  | 0.00025 μm2 s-1 | ~0, acts inside cell |  |
|  | 0.00025 μm2 s-1 | ~0, acts inside cell |  |
| **Degradation** |  | 2.5 × 10-4 s-1 | Half-life of Dpp in wing disc | [29] |
|  | 1 × 10-3 s-1 | Characteristic length in wing disc | [29,34] |
|  | 7 × 10-5 s-1 | Measured | Fig. 2 |
|  | 1 × 10-3 s-1 | Assuming fast kinetics |  |
|  | 1 × 10-3 s-1 | Assuming fast kinetics |  |
| **Prod & Regulation** |  | 7 × 10-5 s-1 | Non-Dimensional concentration |  |
|  | 3 × 10-10 μm-1 | Non-Dimensional concentration |  |
|  | 0.0015 | Fitted concentration profile | Fig. 7 |
|  | 0.01 | Fitted concentration profile | Fig. 7 |
|  | 0.003 | Fitted concentration profile | Fig. 7 |
|  | 0.008 | Fitted concentration profile | Fig. 7 |
|  | 0.02 | Fitted concentration profile | Fig. 7 |
|  | 1 | Fitted concentration profile | Fig. 7 |
|  | 1 | Fitted concentration profile | Fig. 7 |
|  | 2 | Fitted concentration profile | Fig. 7 |
|  | 0.0465 | Fitted concentration profile | Fig. 7 |
|  | 0.375 | Fitted concentration profile | Fig. 7 |