**Table 1.** List of the compounds that induced Par-6 ring impairment.

|  |  |
| --- | --- |
| Compound Name (CAS#) | Compound Code |
| Antimycin A | the-103 |
| Amphoterracin B  | the-104a |
| Nystatin | the-104b |
| Auranofin | the-105 |
| Myricetin | the-110 |
| Quercetin | the-111 |

**Table 2.** Par-6 ring impairment in egg chambers containing healthy cells after incubation with compound. Highlighted is the dose within the window of specific activity.

|  |  |  |
| --- | --- | --- |
|  |  | **% of egg chambers containing** |
| **Compound** | **Dose (µM)** | Par-6 ring impairment | Par-6 ring impairment and healthy cells |
|  |  0.0 |  16.5 | 94.7 |
| **the-103** |  0.3 |  100 \*\*\*\* | 57.8 |
|  |  3.0 |  73.7\*\*\*\* | 76.3 |
|  | 30.0 |  100\*\*\*\* | 8.9 |
|  |  0.0 |  15.4 | 94.2 |
| **the-104a** |  0.3 |  70.8\*\*\* | 58.4 |
|  |  3.0 |  100\*\*\*\* | 45.9 |
|  | 30.0 |  96\*\*\*\* | 22 |
|  |  0.0 | 6.6 | 95 |
| **the-104b** |  0.3 |  0 | 100 |
|  |  3.0 | 45\*\*\* | 70 |
|  | 30.0 |  96.3\*\*\*\* |  31.7 |
|  |  0.0 |  6.9 | 94.8 |
| **the-105** |  0.3 |  3.8 | 98.1 |
|  |  3.0 |  12.8 | 95.7 |
|  | 30.0 |  58.7\*\*\*\* | 78.2 |
|  |  0.0 | 20.7 | 93.1 |
| **the-110** |  0.6 |  55.3\*\*\* | 75 |
|  |  6.0 |  50.8\*\*\* | 80.7 |
|  | 60.0 |  94.5\*\*\*\* | 76.3 |
|  |  0.0 |  12.3 | 98.5 |
| **the-111** |  0.6 |  45.7\*\* | 71.4 |
|  |  6.0 |  49.3\*\*\* | 76.7 |
|  | 60.0 | 97.6\*\*\*\* | 40.9 |