**Chemical Summary of the molecules used during the present study:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of the Molecule** | **Chemical Formula** | **Molecular**  **Weight**  **(g/mol)** | **PubChem ID** | **SMILES** |
| 1 | Bromoageliferin | C22H23Br3N10O2 | 699.2 | 15816051 | C1[C@@H]([C@H]([C@@H](C2=C1NC(=N2)N)C3=CN=C(N3)N)CNC(=O)C4=CC(=C(N4)Br)Br)CNC(=O)C5=CC(=CN5)Br |
| 2 | Ageliferin | C22H24Br2N10O2 | 620.3 | 11169518 | C1[C@@H]([C@H]([C@@H](C2=C1NC(=N2)N)C3=CN=C(N3)N)CNC(=O)C4=CC(=CN4)Br)CNC(=O)C5=CC(=CN5)Br |
| 3 | Oroidin | C11H11Br2N5O | 389.05 | 6312649 | C1=C(NC(=C1Br)Br)C(=O)NC/C=C/C2=CN=C(N2)N |
| 4 | Mauritiamine | C22H20Br4N10O3 | 792.1 | 10819091 | C1=C(NC(=C1Br)Br)C(=O)NC/C=C/C2=C(NC(=N2)N)C3(C(=O)NC(=N3)N)/C=C/CNC(=O)C4=CC(=C(N4)Br)Br |