

Supplemental Data

Supplementary Table S1. *In vitro* inhibitory activities of F3284-8495 and analogs

| Compound | Structure | IC ₅₀ (μM) ^a | | |
|------------|-----------|------------------------------------|----------------|------------|
| | | RT-RNase H ^b | P15-EC RNase H | RT DNA pol |
| F3284-8495 | | 4.8 | >10 | >10 |
| F3385-0136 | | 7.7 | >10 | >10 |
| F3385-2028 | | 5.8 | 5.1 | >10 |
| F1864-0071 | | 4.9 | 2.2 | >10 |
| F3385-2593 | | 4.3 | 4.0 | >10 |
| F3139-2515 | | 3.9 | 3.2 | 3.7 |
| F3385-2584 | | 3.6 | 1.8 | >10 |
| F3385-2594 | | 3.3 | 2.2 | >10 |
| F3385-2531 | | 2.3 | 0.6 | >10 |
| F3385-2581 | | 2.2 | 0.1 | 2.2 |
| F3385-2588 | | 2.1 | 1.5 | >10 |
| F3385-2590 | | 0.8 | 0.2 | 2.5 |

^aData are the averages of two separate determinations each carried out over a range of eight inhibitor concentrations

^bAssayed at pH 7.4, 1 mM Mg²⁺