**Supplementary Table 1. Parameters used for calculation and the resulting concentrations of residual inhibitory activity of VBP and cVBP in cell lysates or medium.** BMDMs were mock-treated or received 10 µM of each inhibitor for 15min. Cell lysates and supernatants were quantified for their level of DPP9 inhibition, as described in Methods. The parameters included are: *y*: value of the residual activity compared to a non-inhibited sample; IC50: half maximum inhibitory concentration.

|  |  |  |
| --- | --- | --- |
| **Inhibitor** | **Parameter** | **Value** |
| VBP | Medium | |
| Y-range | 1.03 ± 0.01 |
| Ic50 (nM) | 15.3 ± 0.8 |
| Slope factor | 1.39 ± 0.09 |
| Background | -0.01 ± 0.01 |
| Inhibitor in medium (µM) | 1.5 |
| Inhibition (%) | 100 |
| Cell lysate | |
| Y-range | 1.05 ± 0.02 |
| Ic50 (nM) | 10.0 ± 0.6 |
| Slope factor | 1.30 ± 0.09 |
| Background | -0.01 ± 0.01 |
| Inhibitor in lysate (µM) | 0.06 |
| Inhibition (%) | 93 |
| cVBP | Medium | |
| Y-range | 1.02 ± 0.02 |
| Ic50 (µM) | 1.70 ± 0.08 |
| Slope factor | 1.33 ± 0.08 |
| Background | -0.01 ± 0.01 |
| Inhibitor in medium (µM) | 3.2 |
| Inhibition (%) | 71 |
| Cell lysate | |
| Y-range | 1.04 ± 0.03 |
| Ic50 (µM) | 1.6 ± 0.1 |
| Slope factor | 1.4 ± 0.2 |
| Background | -0.02 ± 0.02 |
| Inhibitor in lysate (µM) | 0.3 |
| Inhibition (%) | 2.7 |