**S3 Table**. **SAR of enzyme inhibition for C series benzimidazole derivatives.** n.d. = not determined. a. *Cp*IMPDH data from [30]. b. Data from [25]. c. *Ba*IMPDH data from [37]. c. Single determination.

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| **Cmpd** | **R1** | **R2** | **R3** | ***Ki,app* (nM)** | |
| ***Cp*IMPDH** | ***Ba*IMPDH** |
| **C11** |  | 4-CF3Ph | H | 220 ± 40 b | n.d. |
| **C16** |  | 4-ClPh | H | 43 ± 9 b | 120 ± 20 |
| **C61** |  | 4-ClPh | H | 30 ± 10 b | 70 ± 30 |
| **C74** |  | 4-ClPh | CH3 | 23 ± 4 b | n.d. |
| **C84** |  | 3,4-diClPh | H | 18 ± 5 b | 95 ± 40 |
| **C85** |  | 3,4-diClPh | H | 22 ± 5 b | n.d. |
| **C90** |  | 2-Naph | H | 7 ± 4 b | 100 c |
| **C91** |  | 2-Naph | H | 8 ± 3 b | 70 ± 20 |
| **C97** |  | 2-Naph | H | 8 ± 3 b | 15 ± 1 |