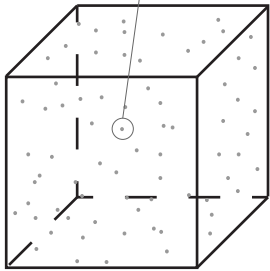


Reference parameter sets
($k_1, \dots, k_N, K_1, \dots, K_N$)_{reference}

[DARPin-F10]
samples

Approximate
($k_{\text{DARPin-F10}}, K_{\text{DARPin-F10}}$)

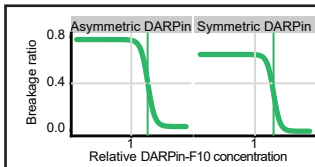


2N-dimensional
space

DARPin-F10 reference
parameter sets

Symmetric
DARPin

Asymmetric
DARPin



Dose response of
capsid breakage
to DARPin-F10

DARPin-F10
experimental data

Fitting data
(Rüdiger et al., 2019)

Effective DARPin-F10
concentration

Non-structured
kinetic models
of influenza infection

Validation data
(Schulze-Horsel et al., 2009)

Non-structured
kinetic models
of influenza infection
with drug-like
DARPin-F10

Limitations of the
chosen kinetic models

- Amantadine-like
- Neuraminidase inhibitor-like