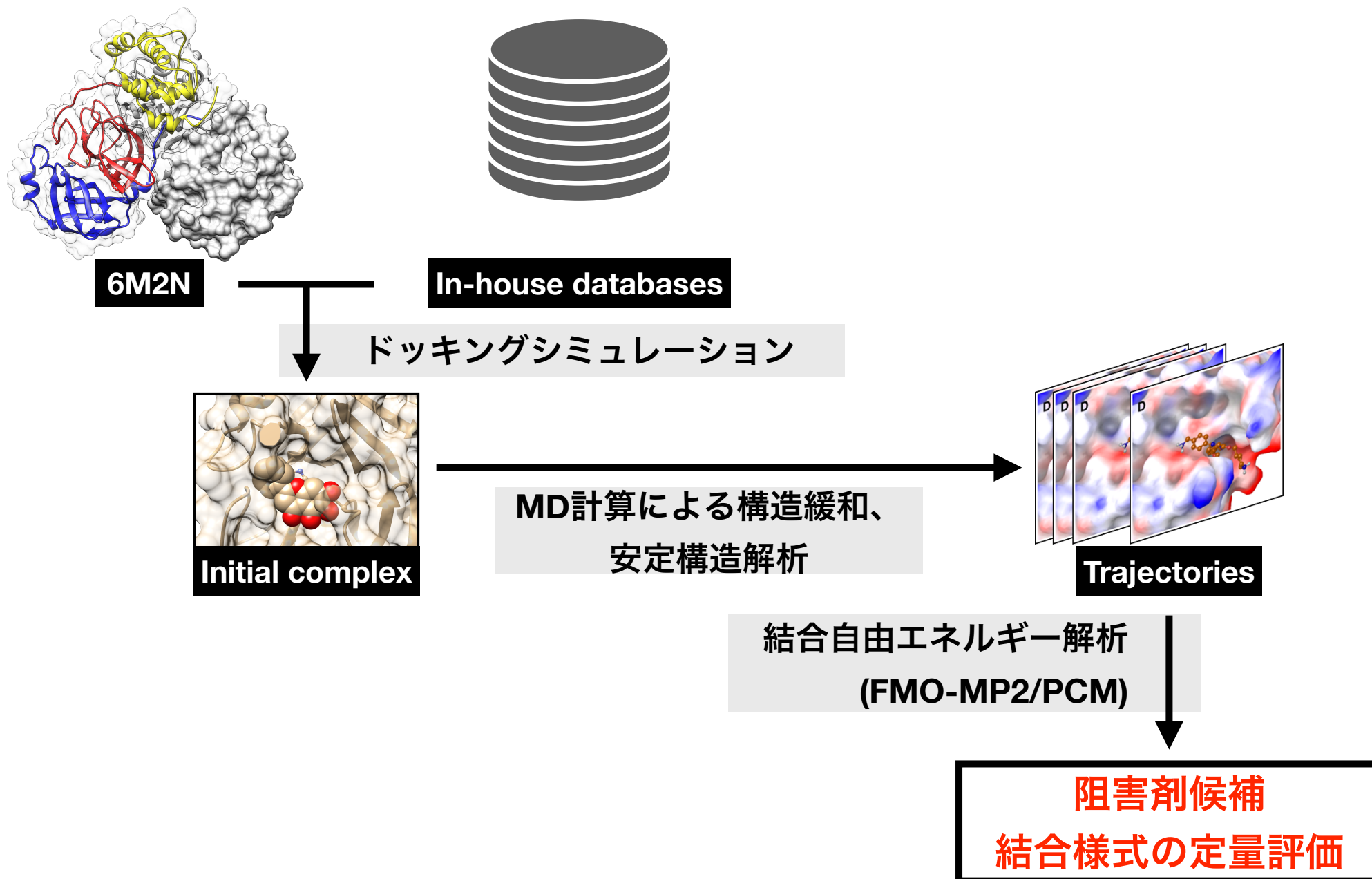


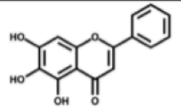
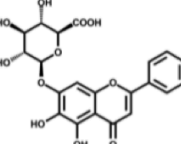
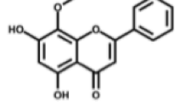
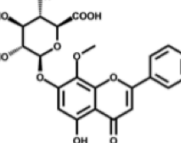
複数の計算手法を用いた統合的創薬計算



SARS-CoV-2 3CLpro に対するドラッグリポジショニング

Baicalein showed the most potent anti- SARS-CoV-2 3CLpro activity with an IC₅₀ of 0.39 μM.

Baicalin inhibited SARS-CoV-2 3CLpro activity for about 41% at 50 μM, while wogonin and wogonoside were not active at this concentration.

Compound	Chemical Structure	IC ₅₀ (μM)	% Inhibition at 50 μM
Baicalein		0.39 ± 0.12	-
Baicalin		-	41.5 ± 0.6
Wogonin		-	6.1 ± 0.8
Wogonoside		-	8.5 ± 3.3

Liu, et al. *bioRxiv*, DOI:10.1101/2020.04.10.035824.

Baicalein and halogenated baicalein showed good binding affinity

