

CNP25: CHIKV-Nsp3-MD (DLS hits/ Fragments)

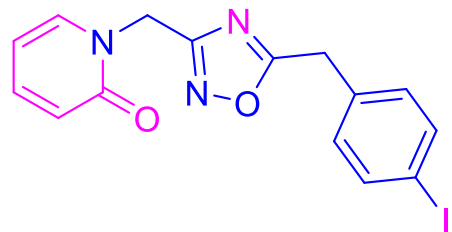


Hadia Almahli

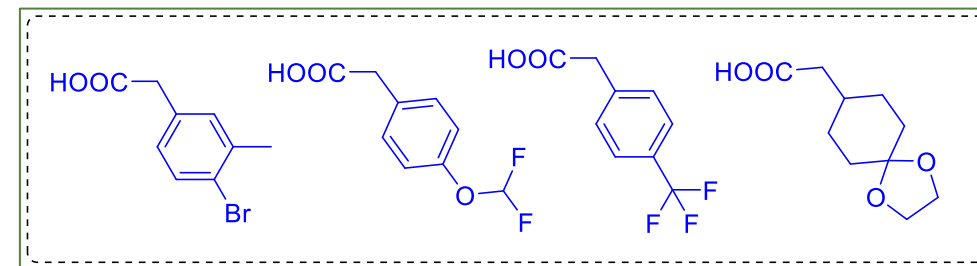
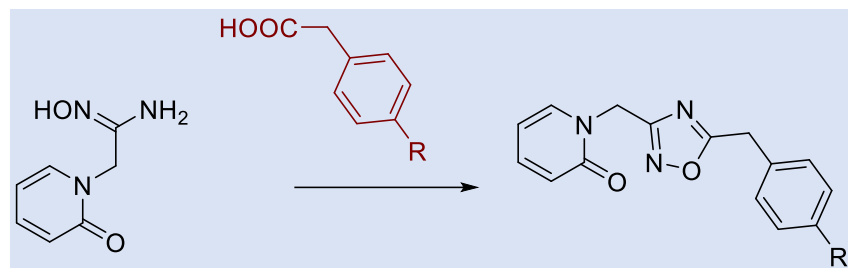
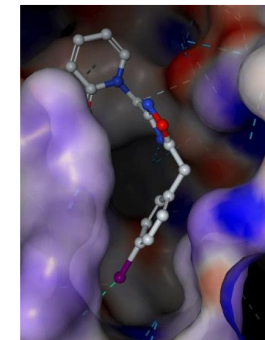
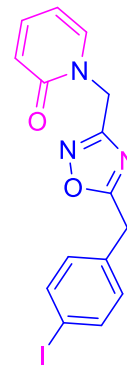
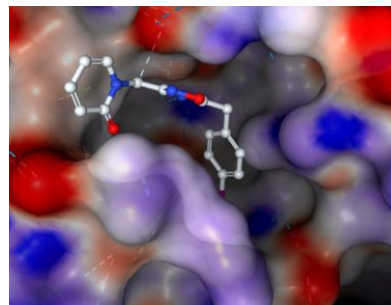
10th March 2025

Synthesis of expansion for SAR

Hit #2



RA-0188499-02
2nd rated compound

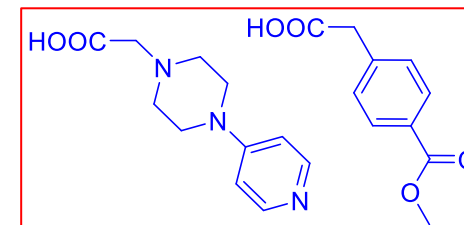


Further purification is required

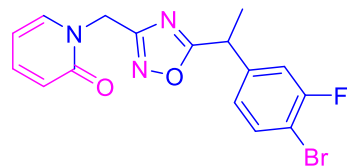
- ☐ CDMT, NMM, Acetonitrile, reflux 3h
- ☐ CDMT, NMM, DMF, reflux 3h
- ☐ NMM, DMF, reflux/ 3h



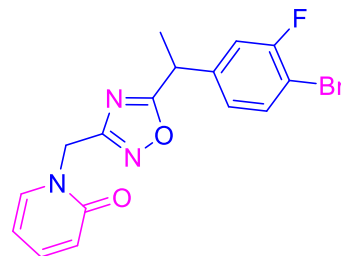
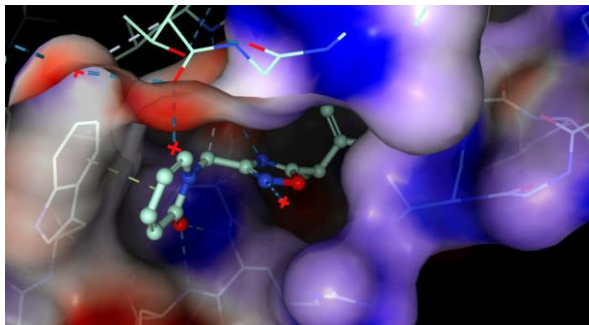
- ☒ HBTU, DIPEA, DMF, Rt then reflux



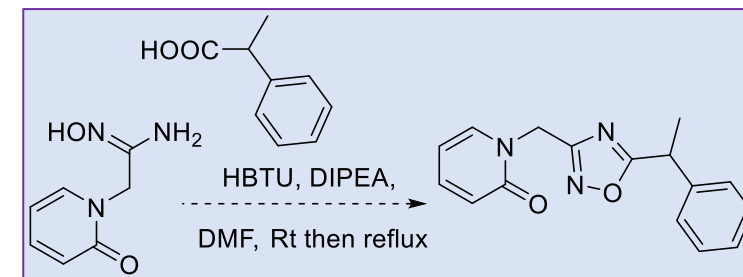
Synthesis of expansion for SAR Hit #3



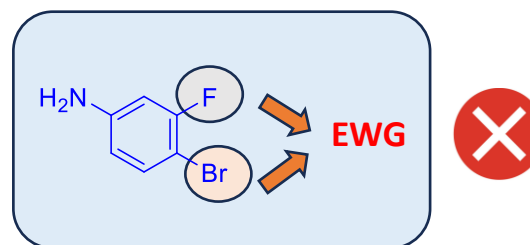
RA-0188476-02
3rd rated compound



Future plan:



- ☐ KOtBu, CH₃CN, Reflux
- ☐ KOtBu, DMF, 100 °C, Pd₂(dba)₃
- ☐ Cs₂CO₃, DMSO, 100 °C



- ✓ This week: Re-shipping the synthetic and purchased analogues of 1st hit including ASMS compounds for antiviral assay
- ✓ By 1st April: Shipping the newly made analogues (Hadia + Ed)

