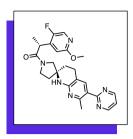
Small Molecules of the Month

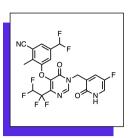
February 2023 drughunter.com



PF-07258669

MCR4

oral melanocortin-4 receptor antagonist
Ph. I candidate
focused screen of 28K library for MC4R activity *J. Med. Chem.*, February 19, 2023



PYR01

HIV Gag-Pol

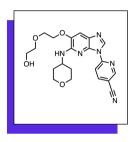
bifunctional, Gag-Pol allosteric glue

NNRTI + potent ex vivo HIV-1 TACK activity

HTS of >6K NNRTIs for TACK activity

Sci. Transl. Med., February 22, 2023

MERCK & CO. INC., RAHWAY, NJ



GLPG2534

PFIZER INC., GROTON, CT

IRAK4

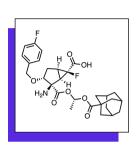
oral IRAK4 inhibitor

promising activity in mouse model for atopic dermatitis

HTS of kinase-focused 25K cmpd library vs. IRAK4 catalytic domain

Sci. Trans. Med., February 15, 2023

GALAPAGOS, FR + BE



TP0473292

mGluR2/3

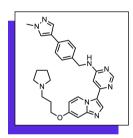
mGluR2/3 antagonist prodrug

Ph. II for depression

prodrug of TP0178894 (hydrophilic glutamate analog)

Drug Metab. Dispos., February 8, 2023

TAISHO PHARMACEUTICAL CO., TOKYO, JP



M4205

KIT

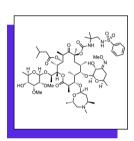
selective KIT inhibitor

Ph I. for advanced GIST

HTS of ELF library (~450K cmpds) for sel. KIT^{V654A} inhibition

J. Med. Chem., February 2, 2023

MERCK HEALTHCARE KGAA, DARMSTADT, DE



SEQ-9

Mtb 23S ribosome

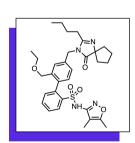
oral Mtb 23S bacterial ribosome inhibitor

potent in vitro + in vivo activity against *Mycobacterium tuberculosis*

opt. of sequanamycin macrolides

Cell, February 23, 2023

SANOFI, FR + CH



sparsentan

ET/ATR

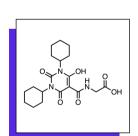
FIC oral, once-daily, dual ET_A/AT_1 antagonist

FDA-approved for proteinuria reduction in primary IgAN

opt. of known ET_A/AT₁ antagonist

FDA accelerated approval, February 17, 2023

TRAVERE THERAPEUTICS, SAN DIEGO, CA



daprodustat

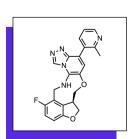
HIF-PHD

oral, once-daily, pan-PHD inhibitor

FDA-approved for anemia in CKD patients designed PHD cofactor mimetic

FDA approval, February 1, 2023

GSK, PLC, LONDON, UK



pociredir EED (PRC2)

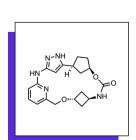
oral, allosteric PRC2 inhibitor (EED)

Ph. lb for sickle cell disease (on hold)

VLS, FBLD, de novo design + opt.

Press release, February 24, 2023

FULCRUM THERAPEUTICS, CAMBRIDGE, MA



QR-6401 CDK2

oral, macrocyclic CDK2 inhibitor

robust activity in ovarian cancer xenograft models
Al generative modeling + opt.

ACS. Med. Chem. Lett., February 8, 2023

REGOR THERAPEUTICS GROUP, SHANGHAI, CN

