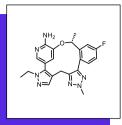
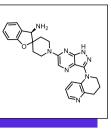
## **Small Molecules of the Month**



#### NVL-520 ROS1

oral brain-penetrant ROS1-selective TKI Ph. I/II for NSCLC and other solid tumors rationally designed (SBDD) from known starting point *Press Release*, September 2023 NUVALENT INC., CAMBRIDGE, MA



#### GDC-1971 (RLY-1971) SHP2

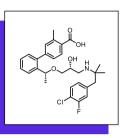
oral allosteric SHP2 inhibitor

Ph. I for advanced or metastatic solid tumors

virtual screening with MD simulation based on known matter

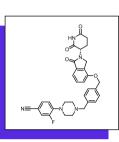
J. Med. Chem., September 2023

**RELAY THERAPEUTICS, MA / GENENTECH, CA** 



### encaleret

CaSR oral CaSR antagonist (calcilytic) Ph. III for ADH1 opt. from known starting point from HTS *N. Engl. J. Med.*, September 2023 JAPAN TOBACCO, JP / CALCILYTIX, CA



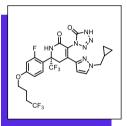
## mezigdomide

oral cereblon-based IKZF1/3 degrader

Ph. III for relapsed and refractory multiple myeloma

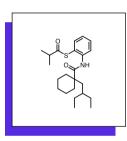
phenotypic and protein degradation screen vs. IKZF1 and 3

N. Engl. J. Med., September 2023 CELGENE CORPORATION, SAN DIEGO, CA



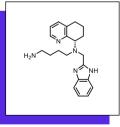
## **BMS-986172**

MGAT2 oral MGAT2 inhibitor Ph. I for obesity from opt. of previous clinical candidate (HTS on human MGAT2) J. Med. Chem., September 2023 BRISTOL MYERS SOUIBB COMPANY, NJ



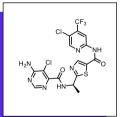
## dalcetrapib

CETP inhibitor thioester prodrug Ph. III for cardiovascular diseases repurposed HDL cholesterol modulator *Press Release*, September 2023 JAPAN TOBACCO, JP / DALCOR, CA



## mavorixafor

CXCR4 oral allosteric CXCR4 inhibitor Ph. III NDA for WHIM syndrome opt. from plerixafor *Press Release*, September 2023 X4 PHARMACEUTICALS, BOSTON, MA



#### tovorafenib (BIIB-024) RAF

oral CNS-penetrant selective type II pan-RAF inhibitor

Ph. III for pediatric low-grade glioma (LGG) activity for LGG identified in cell-based

screening of RAF inhibitors

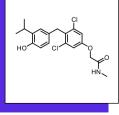
Press Release, September 2023 BIOGEN / TAKEDA / DAY ONE

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## AZD4604

JAK1 inhalable JAK-1 selective inhibitor Ph. II for asthma opt. from oral JAK1 program (HTS of AstraZeneca collection vs. JAK1) *J. Med. Chem.*, September 2023

ASTRAZENECA, GOTHENBURG, SE



## ABX-002

TR-βselective CNS-penetrant TR-β agonist prodrugPh. Il for major depressive disorder (MDD)CNS-penetrant prodrug from known TR-βagonist chemotypePress Release, September 2023

AUTOBAHN THERAPEUTICS, SAN DIEGO, CA



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