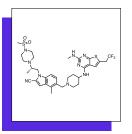
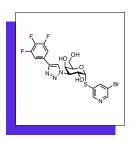
# **Small Molecules of the Month**

# September 2022 drughunter.com



# Ziftomenib | Menin-MLL1 PPI

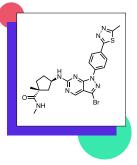
oral menin-MLL1 inhibitor
Ph. I/II candidate in leukemia
from HTS and SBDD
Leukemia
Kura Oncology, San Diego, CA



# GB1211 | Galectin-3

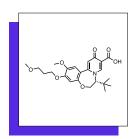
oral galectin-3 inhibitor
Ph. I/II candidate in cancer and liver diseases
LLE and PK opt. from a prev. clinical candidate
J. Med. Chem.

Galecto Biotech, Gothenburg, SE



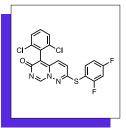
# Compound 39 | GCN2

oral GCN2 kinase inhibitor
TGI in LL2 syngeneic mouse model
SAR opt. from literature starting point
J. Med. Chem.
RAPT Therapeutics, South San Francisco, CA



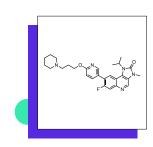
# GST-HG131|PAPD5/PAPD7

oral HBV antigen inhibitor
Ph. I candidate for hepatitis B
SAR opt. of a previously disclosed inhibitor
Bioorganic Med. Chem. Lett.
WuXi AppTec, Shanghai, CN



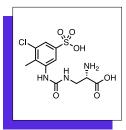
# Neflamapimod | p38 $\alpha$ kinase

oral p38α kinase inhibitor Ph. II candidate in neurology from SBDD and opt. Nat. Commun. EIP Pharma Inc, Boston, MA / Vertex, Cambridge, MA



#### AZD1390 | ATM kinase

oral ATM kinase inhibitor
Ph. I candidate oncology
biochem-based screen. and BBB penetration opt
J. Pharmacol. Exp. Ther.
AstraZeneca, Cambridge, UK

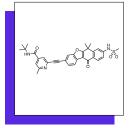


### Upacicalcet | CaSR

IV CaSR agonist

Ph. III candidate in secondary hyperparathyroidism identified from "kokumi-flavor" studies of peptides *Mol. Pharmacol.* 

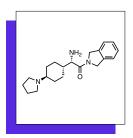
Sanwa Kagaku Kenkyusho, Mie, JP



# CH7057288 | TRK

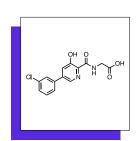
oral pan-TRK inhibitor tumor regression NIH3T3/NTRK1 mice models from in-house library screening and SBDD J. Med. Chem.

Chugai Pharmaceutical, Shizuoka, JP



### ICeD-2 | DPP9

oral DPP9 inhibitor in vitro synergy with NNRTI for HIV from 250k cmpd phenotypic screen ACS Chem. Biol. Merck, Rahway, NJ



## Vadadustat | HIF-PHD

oral HIF-PHD enzyme inhibitor
Ph. III candidate for anemia in CKD
carboxylic acid class of HIF-PHD inhibitors *J. Pharmacol. Exp. Ther.*Akebia Therapeutics, Cambridge, MA

