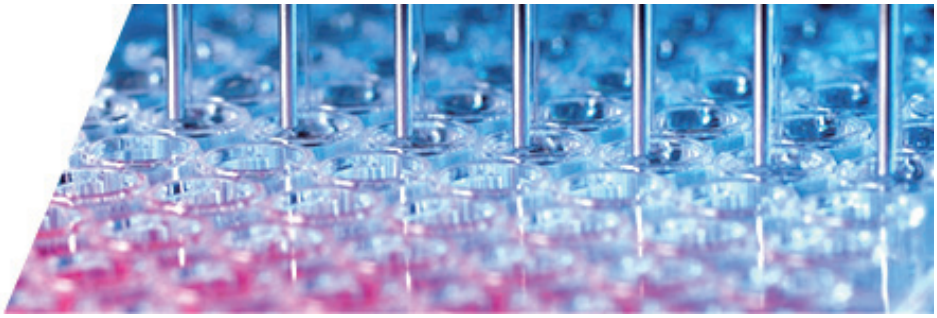
New Products

September 2019



MedChemExpress (MCE) offers a wide range of high quality research chemicals and biochemicals including novel bioactive compounds, dye reagents, peptides and natural compounds for laboratory and scientific use.

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• JAK Inhibitor

BMS-986165 CAS No.: 1609392-27-9

BMS-986165 is a highly selective, orally bioavailable allosteric TYK2 inhibitor for the treatment of autoimmune diseases, which selectively binds to TYK2 pseudokinase (JH2) domain (IC_{50}=1.0 nM) and blocks receptor-mediated Tyk2 activation by stabilizing the regulatory JH2 domain. BMS-986165 inhibits IL-12/23 and type I IFN pathways.

• Epigenetic Reader Domain Inhibitor

SGC-iMLLT CAS No.: 2255338-25-9

SGC-iMLLT is a first-in-class chemical probe and a potent, selective inhibitor of MLLT1/3-histone interactions with an IC_{50} of 0.26 μM. SGC-iMLLT shows high binding activity towards MLLT1 YEATS domain (YD) and MLLT3 YD (AF9/YEATS3) with K_ds of 0.129 and 0.077 μM, respectively.

• LRRK2 Inhibitor

PFE-360 CAS No.: 1527475-61-1

PFE-360 (PF-06685360) is a potent, selective, brain penetrated and orally active leucine-rich repeat kinase 2 (LRRK2) inhibitor with a mean IC_{50} of 2.3 nM in vivo.

Compound Screening Libraries

45 specific libraries for high throughput screening (HTS) and high content screening (HCS).

Optimized for drug screening and new indication research.

Free Sample

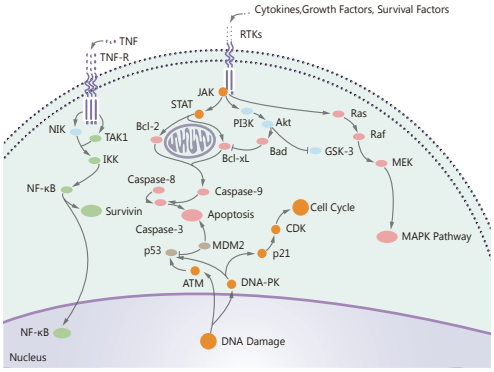
Get your free inhibitor sample from MCE!

Cell Signaling Pathway

• TRP Channel Antagonist

BI-749327

BI-749327 is a potent, high selectivity and orally bioavailable TRPC6 antagonist, with IC_{50}s of 13 nM, 19 nM and 15 nM for mouse, human and guinea pig TRPC6, respectively. BI-749327 is 85-fold more selective for mouse TRPC6 than TRPC3 and 42-fold versus TRPC7.



• Adenosine Receptor Antagonist

Tonapofylline CAS No.: 340021-17-2

Tonapofylline (BG 9928) is an orally active and selective adenosine A1 receptor antagonist with a K_i of 7.4 nM for human adenosine A1 receptor (hA1), which displays 915-fold selectivity versus human adenosine A2A receptor and 12-fold selectivity versus human adenosine A2B receptor and is used in development for the treatment of heart failure.

Other New Products This Month

KT185 (MAGL)		LY2922470 (GPR40)		L-690330 (Phosphatase)	
AZD8329 (HSD)		NCC007 (Casein Kinase)		Indibulin (Microtubule/Tubulin)	
SC75741 (NF-κB)		UNC2541 (TAM Receptor)		Derenofylline (Adenosine Receptor)	

dBET57 (PROTAC) ...

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