Kinase Inhibitor Library

Cat. No.: HY-L009

Product Name	Cat. No.	Compounds	Size (Pre-dissolved in DMSO/Solid)
Kinase Inhibitor Library	HY-L009	749	30 μL/well, 50 μL/well, 100 μL/well, 250 μL/well (10 mM solution)

- A unique collection of **749** phosphorylation kinase inhibitors/regulators for **high throughput screening (HTS)** and **high content screening (HCS)**.
- The library contains compounds targeting **protein kinases (VEGFR, EGFR, BTK, CDK, Akt, etc.)**, **lipid kinases (PI3K, PI4K, SK, etc.)** and **carbohydrate kinases (Hexokinase)**.
- Kinase inhibitors have played an increasingly prominent role in the treatment of cancer and other diseases.
- Bioactivity and safety confirmed by preclinical research and clinical trials. Some inhibitors have been approved by FDA.
- Structurally diverse, medicinally active, and cell permeable.
- Rich documentation with structure, IC_{50}, and customer reviews.
- NMR and HPLC validated to ensure high purity.
- All compounds are in stock and continuously updated.

Targets Included in Kinase Inhibitor Library:

ACK1	Adenosine Kinase	Akt	ALK	AMPK	Aurora Kinase	ATM/ATR
Axl	Bcr-Abl	BMX Kinase	Btk	CaMK-II	Casein Kinase	CDK
c-Fms	Checkpoint Kinase (Chk)	c-Kit	c-Met/HGFR	DAPK	DDR1/DDR2 Receptor	DNA-PK
DYRK	Ephrin Receptor	EGFR	ERK	FAK	FGFR	FLT3
GSK-3	Glucokinase	Haspin Kinase	IGF-1R	IKK	Insulin Receptor	IRAK
ITK	JAK	JNK	LIM Kinase(LIMK)	MAPKAPK2 (MK2)	MEK	MELK
MNK	Mixed Lineage Kinase	p38 MAPK	PAK	PDGFR	PDHK	PDK-1
PERK	PI3K	PI4K	PIKfyve	Pim	PKA	PKC
PKD	Polo-like Kinase (PLK)	Pyk2	Raf	Ribosomal S6 Kinase	RIP Kinase	ROCK
Ros1	Salt-inducible Kinases (SIKs)	SGK	SPHK	Src	SRPK	Syk
TAK1	Trk Receptor	ULK	VEGFR	Wee1	...	

Publications Citing Use of MCE Kinase Library Inhibitors:

Nature. 2017 Jun 15;546(7658):426-430.
Cell. 2017 Jan 12;168(1-2):264-279.e15.
Cell. 2014 Feb 13;156(4):771-85.
Nat Med. 2017 Apr 7;23(4):405-408.
Nat Med. 2016 Jul;22(7):723-6.
Nat Med. 2016 May;22(5):547-56.
Cancer Cell. 2014 Feb 10;25(2):226-42.
Cancer Discov. 2016 Dec;6(12):1334-1341.
Cancer Discov. 2016 Oct;6(10):1118-1133.
Cancer Discov. 2015 Sep;5(9):960-71.
Cancer Discov. 2012 Oct;2(10):934-47.
Cancer Discov. 2012 May;2(5):425-33.
Cell Metab. 2017 Apr 4;25(4):868-882.e5.
Cell Metab. 2012 Mar 7;15(3):382-94.
Sci Transl Med. 2013 Jul 31;5(196):196ra99.
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