

Materials List for:

Identification of Mediators of T-cell Receptor Signaling *via* the Screening of Chemical Inhibitor Libraries

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Materials

Name	Company	Catalog Number	Comments
RPMI	HyClone	SH30027FS	
FBS	HyClone	SH3007103	
L-Glutamine	HyClone	SH3003401	
Sodium pyruvate	HyClone	SH3023901	
Penicillin/Streptomycin	HyClone	SV30010	
b-mercaptoethanol	Sigma Aldrich	516732	
10X PBS	Vivantis	PB0344 – 1L	
Kinase Screening Library (96-Well)	Cayman Chemical	10505	Exact contents of the library may vary
DMSO	Sigma Aldrich	D2650	
Dexamethasone	Sigma Aldrich	D4902	
anti-CD3/CD28 beads	Thermo Fisher Scientific	11452D	
FITC Active Caspase-3 Apoptosis Kit	BD Pharmingen	550480	Contains Fixation/Permeabilisation buffer, 10X Perm/Wash buffer and anti-caspase 3 antibody
DA-Cell Washer	CURIOX	HT1000	
96-well DA-Cell Plate	CURIOX	96-DC-CL-05	
Antibodies			
CD3e	BioLegend	100236	
TCRb	BD Biosciences	553174	
CD4	BD Biosciences	740007	
CD8	BD Biosciences	563786	
CD69	eBioscience	25-0699-42	
Inhibitors			
TG003	Cayman Chemical	-	From the Kinase Screening Library
PKC 412	Cayman Chemical	-	From the Kinase Screening Library
Doramapimod	Cayman Chemical	-	From the Kinase Screening Library
Paclitaxel	Cayman Chemical	-	From the Kinase Screening Library
Erlotinib	Cayman Chemical	-	From the Kinase Screening Library
Necrostatin-5	Cayman Chemical	-	From the Kinase Screening Library
NVP-BEZ235	Cayman Chemical	-	From the Kinase Screening Library

Phthalazinone pyrazole	Cayman Chemical	-	From the Kinase Screening Library
AG-879	Cayman Chemical	-	From the Kinase Screening Library
1-NA-PP1	Cayman Chemical	-	From the Kinase Screening Library
Torin 1	Cayman Chemical	-	From the Kinase Screening Library
Bisindolylmaleimide II	Cayman Chemical	-	From the Kinase Screening Library
BIBF 1120	Cayman Chemical	-	From the Kinase Screening Library
SMI-4a	Cayman Chemical	-	From the Kinase Screening Library
Bisindolylmaleimide XI (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
CAY10657	Cayman Chemical	-	From the Kinase Screening Library
AS-703026	Cayman Chemical	-	From the Kinase Screening Library
Chelerythrine chloride	Cayman Chemical	-	From the Kinase Screening Library
Tunicamycin	Cayman Chemical	-	From the Kinase Screening Library
GSK 1059615	Cayman Chemical	-	From the Kinase Screening Library
Ruxolitinib	Cayman Chemical	-	From the Kinase Screening Library
Necrostatin-1	Cayman Chemical	-	From the Kinase Screening Library
SB 505124	Cayman Chemical	-	From the Kinase Screening Library
INK128	Cayman Chemical	-	From the Kinase Screening Library
Canertinib (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
SB 431542	Cayman Chemical	-	From the Kinase Screening Library
PD 173074	Cayman Chemical	-	From the Kinase Screening Library
Valproic Acid (sodium salt)	Cayman Chemical	-	From the Kinase Screening Library
PD 0325901	Cayman Chemical	-	From the Kinase Screening Library
SB 203580	Cayman Chemical	-	From the Kinase Screening Library
VX-702	Cayman Chemical	-	From the Kinase Screening Library
Emodin	Cayman Chemical	-	From the Kinase Screening Library
CHIR99021	Cayman Chemical	-	From the Kinase Screening Library
BIO	Cayman Chemical	-	From the Kinase Screening Library
Imatinib (mesylate)	Cayman Chemical	-	From the Kinase Screening Library
Sunitinib Malate	Cayman Chemical	-	From the Kinase Screening Library
Gefitinib	Cayman Chemical	-	From the Kinase Screening Library
PP2	Cayman Chemical	-	From the Kinase Screening Library
3-Methyladenine	Cayman Chemical	-	From the Kinase Screening Library
Bisindolylmaleimide I	Cayman Chemical	-	From the Kinase Screening Library
Bisindolylmaleimide IV	Cayman Chemical	-	From the Kinase Screening Library
Bisindolylmaleimide V	Cayman Chemical	-	From the Kinase Screening Library
NSC 663284	Cayman Chemical	-	From the Kinase Screening Library
D 4476	Cayman Chemical	-	From the Kinase Screening Library
NU 7026	Cayman Chemical	-	From the Kinase Screening Library
H-9 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
Indirubin-3'-monoxime	Cayman Chemical	-	From the Kinase Screening Library
KN-62	Cayman Chemical	-	From the Kinase Screening Library
KN-93	Cayman Chemical	-	From the Kinase Screening Library
CGP 57380	Cayman Chemical	-	From the Kinase Screening Library
Iso-Olomoucine	Cayman Chemical	-	From the Kinase Screening Library
(S)-Glycyl-H-1152 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library

Bisindolylmaleimide VIII (acetate)	Cayman Chemical	-	From the Kinase Screening Library
ST638	Cayman Chemical	-	From the Kinase Screening Library
SU 6656	Cayman Chemical	-	From the Kinase Screening Library
LY364947	Cayman Chemical	-	From the Kinase Screening Library
SB 203580 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
CAY10621	Cayman Chemical	-	From the Kinase Screening Library
YM-201636	Cayman Chemical	-	From the Kinase Screening Library
ZM 447439	Cayman Chemical	-	From the Kinase Screening Library
AS-041164	Cayman Chemical	-	From the Kinase Screening Library
NVP-AEW541 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
PP242	Cayman Chemical	-	From the Kinase Screening Library
ABT-869	Cayman Chemical	-	From the Kinase Screening Library
CAY10622	Cayman Chemical	-	From the Kinase Screening Library
17 β -hydroxy Wortmannin	Cayman Chemical	-	From the Kinase Screening Library
CAY10626	Cayman Chemical	-	From the Kinase Screening Library
SU 6668	Cayman Chemical	-	From the Kinase Screening Library
CAY10572	Cayman Chemical	-	From the Kinase Screening Library
N,N-Dimethylsphingosine	Cayman Chemical	-	From the Kinase Screening Library
LY294002	Cayman Chemical	-	From the Kinase Screening Library
U-0126	Cayman Chemical	-	From the Kinase Screening Library
Staurosporine	Cayman Chemical	-	From the Kinase Screening Library
KN-92 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
AS-605240 (potassium salt)	Cayman Chemical	-	From the Kinase Screening Library
O-1918	Cayman Chemical	-	From the Kinase Screening Library
Y-27632 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
Leelamine	Cayman Chemical	-	From the Kinase Screening Library
PD 98059	Cayman Chemical	-	From the Kinase Screening Library
PD 169316	Cayman Chemical	-	From the Kinase Screening Library
TGX-221	Cayman Chemical	-	From the Kinase Screening Library
(S)-H-1152 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
AS-605240	Cayman Chemical	-	From the Kinase Screening Library
D-erythro-Sphingosine C-18	Cayman Chemical	-	From the Kinase Screening Library
OSU03012	Cayman Chemical	-	From the Kinase Screening Library
JNJ-10198409	Cayman Chemical	-	From the Kinase Screening Library
Leelamine (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
Arachidonic Acid Leelamide	Cayman Chemical	-	From the Kinase Screening Library
Lauric Acid Leelamide	Cayman Chemical	-	From the Kinase Screening Library
AS-252424	Cayman Chemical	-	From the Kinase Screening Library
CAY10505	Cayman Chemical	-	From the Kinase Screening Library
PI-103	Cayman Chemical	-	From the Kinase Screening Library
PIK-75 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
Sphingosine Kinase Inhibitor 2	Cayman Chemical	-	From the Kinase Screening Library
Piceatannol	Cayman Chemical	-	From the Kinase Screening Library
SC-1	Cayman Chemical	-	From the Kinase Screening Library
(R)-Roscovitine	Cayman Chemical	-	From the Kinase Screening Library
BAY-43-9006	Cayman Chemical	-	From the Kinase Screening Library

CAY10561	Cayman Chemical	-	From the Kinase Screening Library
AS-604850	Cayman Chemical	-	From the Kinase Screening Library
PI3-Kinase α Inhibitor 2	Cayman Chemical	-	From the Kinase Screening Library
ML-9	Cayman Chemical	-	From the Kinase Screening Library
Triciribine	Cayman Chemical	-	From the Kinase Screening Library
Erbstatin Analog	Cayman Chemical	-	From the Kinase Screening Library
Kenpaulone	Cayman Chemical	-	From the Kinase Screening Library
Olomoucine	Cayman Chemical	-	From the Kinase Screening Library
AG-494	Cayman Chemical	-	From the Kinase Screening Library
AG-825	Cayman Chemical	-	From the Kinase Screening Library
AG-1478	Cayman Chemical	-	From the Kinase Screening Library
SB 216763	Cayman Chemical	-	From the Kinase Screening Library
SB 415286	Cayman Chemical	-	From the Kinase Screening Library
AG-17	Cayman Chemical	-	From the Kinase Screening Library
H-8 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
LFM-A13	Cayman Chemical	-	From the Kinase Screening Library
SC-514	Cayman Chemical	-	From the Kinase Screening Library
Apigenin	Cayman Chemical	-	From the Kinase Screening Library
AG-18	Cayman Chemical	-	From the Kinase Screening Library
CAY10554	Cayman Chemical	-	From the Kinase Screening Library
DRB	Cayman Chemical	-	From the Kinase Screening Library
RG-13022	Cayman Chemical	-	From the Kinase Screening Library
RG-14620	Cayman Chemical	-	From the Kinase Screening Library
AG-490	Cayman Chemical	-	From the Kinase Screening Library
AG-82	Cayman Chemical	-	From the Kinase Screening Library
AG-99	Cayman Chemical	-	From the Kinase Screening Library
AG-213	Cayman Chemical	-	From the Kinase Screening Library
AG-183	Cayman Chemical	-	From the Kinase Screening Library
Lavendustin C	Cayman Chemical	-	From the Kinase Screening Library
ZM 336372	Cayman Chemical	-	From the Kinase Screening Library
5-Iodotubercidin	Cayman Chemical	-	From the Kinase Screening Library
SB 202190	Cayman Chemical	-	From the Kinase Screening Library
CAY10571	Cayman Chemical	-	From the Kinase Screening Library
Nilotinib	Cayman Chemical	-	From the Kinase Screening Library
SP 600125	Cayman Chemical	-	From the Kinase Screening Library
L-threo-Sphingosine C-18	Cayman Chemical	-	From the Kinase Screening Library
H-89	Cayman Chemical	-	From the Kinase Screening Library
HA-1077 (hydrochloride)	Cayman Chemical	-	From the Kinase Screening Library
AG-370	Cayman Chemical	-	From the Kinase Screening Library
Wortmannin	Cayman Chemical	-	From the Kinase Screening Library
AG-1296	Cayman Chemical	-	From the Kinase Screening Library
KT 5823	Cayman Chemical	-	From the Kinase Screening Library
Janex 1	Cayman Chemical	-	From the Kinase Screening Library
CAY10574	Cayman Chemical	-	From the Kinase Screening Library
CAY10575	Cayman Chemical	-	From the Kinase Screening Library
CAY10576	Cayman Chemical	-	From the Kinase Screening Library

NH125	Cayman Chemical	-	From the Kinase Screening Library
TWS119	Cayman Chemical	-	From the Kinase Screening Library
NSC 210902	Cayman Chemical	-	From the Kinase Screening Library
CAY10577	Cayman Chemical	-	From the Kinase Screening Library
CAY10578	Cayman Chemical	-	From the Kinase Screening Library
PD 184161	Cayman Chemical	-	From the Kinase Screening Library
CCT018159	Cayman Chemical	-	From the Kinase Screening Library
Myricetin	Cayman Chemical	-	From the Kinase Screening Library