

Small Molecules

Selection Chart for Stem Cell Research



SMALL MOLECULE	PATHWAY/TARGET	APPLICATIONS	CAT. NO.
3-Deazaneplanocin A	Epigenetic Modifier Inhibits EZH2 Lysine Methyltransferase	Reprogramming, Maintenance	ST10022
A83-01	TGF- β inhibitor Inhibits ALK4, ALK7	Reprogramming, Maintenance, Differentiation	ST10001
BIO	WNT pathway activator Inhibits GSK-3	Reprogramming, Maintenance, Differentiation	ST10029
BIX01294	Epigenetic modifier Inhibits G9a histone methyltransferase	Reprogramming	ST10030
CHIR99021	WNT pathway activator Inhibits GSK-3	Reprogramming, Maintenance, Differentiation	ST10003
Cyclopamine	Hedgehog pathway inhibitor Inhibits Smoothened	Maintenance, Differentiation	ST10026
DAPT	Notch pathway inhibitor Inhibits γ -secretase	Maintenance, Differentiation	ST10033
Dorsomophin	BMP pathway inhibitor Inhibits ALK2, ALK3, ALK6	Differentiation	ST10032
Forskolin	cAMP pathway activator Activates adenylyl cyclase	Reprogramming, Maintenance, Differentiation	ST10023
LDE225	Hedgehog pathway inhibitor Smoothened antagonist	Differentiation	ST10031
LDN193189	BMP pathway inhibitor Inhibits ALK2, ALK3, ALK6	Differentiation	ST10006
LY411575	Notch pathway inhibitor Inhibits γ -secretase	Differentiation	ST10035
PD0325901	MAPK pathway inhibitor Inhibits MEK	Reprogramming, Maintenance	ST10008
PD173074	FGF pathway inhibitor Inhibits FGFR1	Reprogramming, Maintenance, Differentiation	ST10034
RepSox	TGF- β inhibitor Inhibits ALK5	Reprogramming	ST10021
RG108	Epigenetic modifier Inhibits DNA methyltransferase	Reprogramming	ST10027
SB203580	MAPK pathway inhibitor Inhibits p38	Maintenance, Differentiation	ST10024
SB431542	TGF- β inhibitor Inhibits ALK4, ALK5, ALK7	Reprogramming, Maintenance, Differentiation	ST10012
SP600125	MAPK pathway inhibitor Inhibits JNK	Reprogramming	ST10025
Thiazovivin	RHO/Rock pathway inhibitor Inhibits ROCK	Maintenance	ST10015
XAV939	WNT pathway inhibitor Inhibits Tankyrase	Differentiation	ST10017
Y27632	RHO/Rock pathway inhibitor Inhibits ROCK	Maintenance	ST10018

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t 877.636.4978
e orders@esibio.com

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