Stem Cells
Differentiation

FOCUS BIOMOLECULES

DAPT
γ-Secretase inhibitor that blocks Notch signaling promoting neuronal differentiation of precursor cells.[1]

Product No: 10-4514 | 5 mg | 25 mg

Dibutyryl cAMP
Cell-permeable cAMP analog that helps promote the differentiation of dopaminergic neurons from hPSCs.[2]

Product No: 10-2627 | 25 mg | 100 mg

Dorsomorphin
AMPK inhibitor that promotes cardiomyogenesis in mouse embryonic stem cells.[3]

Product No: 10-1029 | 5 mg | 25 mg

LDN-193189 HCl
Potent and selective inhibitor of ALK2/3. Promotes neuronal differentiation of human pluripotent stem cells.[4,5]

Product No: 10-4764 | 5 mg | 25 mg

SB-431542
TGF pathway inhibitor that stimulates differentiation of pluripotent stem cells into a variety of other cell types.[6-8]

Product No: 10-2443 | 5 mg | 25 mg

Wnt-C59
Potent Porcupine inhibitor that efficiently differentiates pluripotent stem cells into cortical neurons.[9]

Product No: 10-4605 | 5 mg | 25 mg

XAV-939
Tankyrase inhibitor that induces cardiomyogenesis of stem cells.[10]

Product No: 10-1186 | 5 mg | 25 mg

SAG
Smoothened (SMO) agonist that improves neuronal differentiation of human induced pluripotent stem cells.[11]

Product No: 10-4525 | 1 mg | 5 mg

A 83-01
ALK4,5,7 inhibitor. Inhibits differentiation of rat induced pluripotent stem cells.[12] Differentiates pluripotent stem cells into neural stem cells as part of a chemical cocktail.[13]

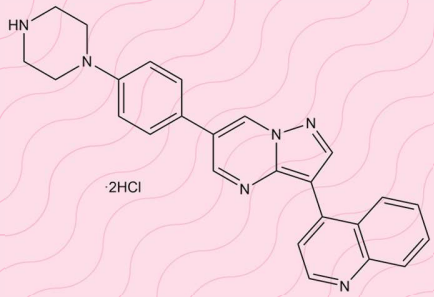
Product No: 10-1327 | 5 mg | 25 mg

Pyridone-6
pan-JAK inhibitor that induces intermediate mesoderm differentiation from embryonic stem cells in a chemical cocktail.[14]

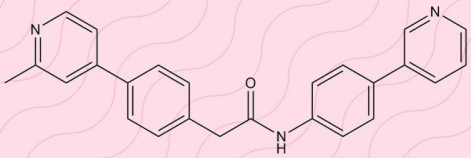
Product No: 10-5555 | 1 mg | 5 mg

IWP-2
Induces cardiomyocyte differentiation from human pluripotent stem cells *via* inhibition of the Wnt/ß-Catenin pathway.[15]

Product No: 10-1308 | 5 mg | 25 mg



LDN-193189 2HCl



Wnt-C59

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