

# Stem Cells Differentiation

## DAPT

$\gamma$ -Secretase inhibitor that blocks Notch signaling promoting neuronal differentiation of precursor cells.<sup>1</sup>

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

## Dibutyryl cAMP

Cell-permeable cAMP analog that helps to promote the differentiation of dopaminergic neurons from hPSCs.<sup>2</sup>

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

## Dorsomorphin

AMPK inhibitor that promotes cardiomyogenesis in mouse embryonic stem cells.<sup>3</sup>

**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.<sup>4,5</sup>

**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.<sup>6-8</sup>

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

## Wnt-C59

Potent Porcupine inhibitor that efficiently differentiates pluripotent stem cells into cortical neurons.<sup>9</sup>

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

## XAV-939

Tankyrase inhibitor that induces cardiomyogenesis of stem cells.<sup>10</sup>

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

## SAG

Smoothed (SMO) agonist that improves neuronal differentiation of human induced pluripotent stem cells.<sup>11</sup>

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

## A 83-01

ALK4,5,7 inhibitor. Inhibits differentiation of rat induced pluripotent stem cells.<sup>12</sup> Differentiates pluripotent stem cells into neural stem cells as part of a chemical cocktail.<sup>13</sup>

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

## Pyridone-6

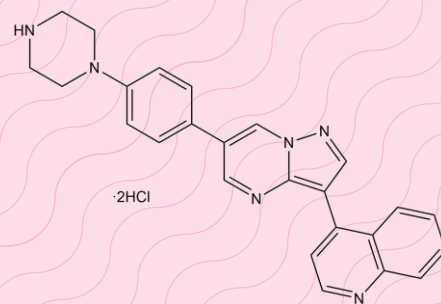
pan-JAK inhibitor that induces intermediate mesoderm differentiation from embryonic stem cells in a chemical cocktail.<sup>14</sup>

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

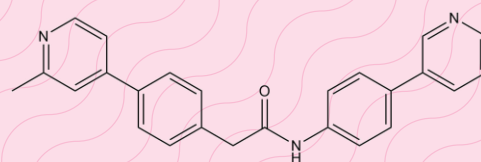
## IWP-2

Induces cardiomyocyte differentiation from human pluripotent stem cells via inhibition of the Wnt/ $\beta$ -Catenin pathway.<sup>15</sup>

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



**LDN-193189 2HCl**



**Wnt-C59**

## REFERENCES

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