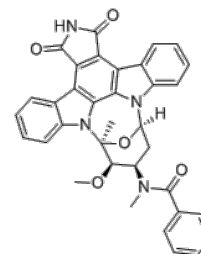


Product Name : Stauprimide
Cat. No. : PC-70283
CAS No. : 154589-96-5
Molecular Formula : C₃₅H₂₈N₄O₅
Molecular Weight : 584.6
Target : c-Myc
Solubility : 10 mM in DMSO



Biological Activity

Stauprimide (N-Benzoyl-7-oxo Staurosporine) is a staurosporine analog that promotes embryonic stem cell (ESC) differentiation by inhibiting nuclear localization of the **MYC transcription factor NME2**, which in turn results in down-regulation of MYC transcription.

Stauprimide increases the efficiency of mouse and human embryonic stem cell differentiation in conjunction with lineage specification cues with EC50 of 0.3 μ M.

References

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Zhu S, et al. *Cell Stem Cell*. 2009 May 8;4(5):416-26.

Tahamtani Y, et al. *Stem Cells Dev*. 2013 May 1;22(9):1419-32.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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