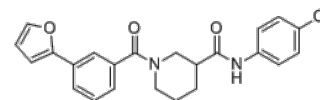


Product Name : CCG-203971
Cat. No. : PC-62825
CAS No. : 1443437-74-8
Molecular Formula : C₂₃H₂₁ClN₂O₃
Molecular Weight : 408.88
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

CCG-203971 (CCG203971) is a potent **Rho/MKL1/SRF** transcriptional pathway inhibitor, suppresses PC-3 cell migration in scratch wound assays (IC₅₀=4.2 uM), blocks nuclear localization and activity of MRTF-A in SK-Mel-147 cells.

CCG-203971 selectively inhibits proliferation of SSc-derived dermal fibroblasts but not that of normal fibroblasts.

CCG-203971 inhibits expression of CTGF, α-SMA, and COL1A2 in SSc fibroblasts as well as in LPA and in TGFβ-stimulated fibroblasts.

CCG-203971 prevents bleomycin-induced skin thickening and collagen deposition in vivo.

References

Bell JL, et al. *Bioorg Med Chem Lett*. 2013 Jul 1;23(13):3826-32.

Haak AJ, et al. *J Pharmacol Exp Ther*. 2014 Jun;349(3):480-6.

Haak AJ, et al. *Mol Cancer Ther*. 2017 Jan;16(1):193-204.

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

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