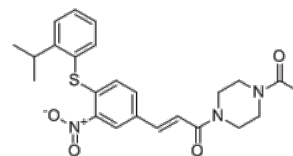


Product Name : A-286982
Cat. No. : PC-38443
CAS No. : 280749-17-9
Molecular Formula : C₂₄H₂₇N₃O₄S
Molecular Weight : 453.557
Target : Integrin
Solubility : 10 mM in DMSO



Biological Activity

A-286982 is a potent, nonpeptide inhibitor of **LFA-1/ICAM-1** interaction with IC₅₀ of 44 and 35 nM in LFA-1/ICAM-1 binding assay and LFA-1-mediated cellular adhesion assay, respectively.

The interaction between leukocyte function-associated antigen-1 (LFA-1), a member of the beta(2)-integrin family of adhesion molecules, and intracellular adhesion molecule ICAM-1 (CD54) is thought to play a critical role in the inflammatory process.

References

Liu G, et al. *J Med Chem*. 2000 Oct 19;43(21):4025-40.

Keating SM, et al. *Protein Sci*. 2006 Feb;15(2):290-303.

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

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