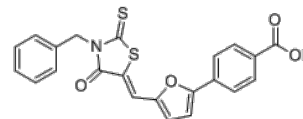


Product Name : Leukadherin-1
Cat. No. : PC-38467
CAS No. : 344897-95-6
Molecular Formula : C₂₂H₁₅NO₄S₂
Molecular Weight : 421.485
Target : Integrin
Solubility : 10 mM in DMSO



Biological Activity

Leukadherin-1 (LA1, GB1275 free base) is a small molecule agonist of leukocyte surface integrin CD11b/CD18, increases CD11b/CD18-dependent cell adhesion to ICAM-1 and reduces deadhesion.

Leukadherin-1 (LA1) enhances kidney allograft survival in a mouse model of fully MHC-mismatched orthotopic kidney transplantation.

Leukadherin-1 (LA1) treatment reduced interstitial leukocyte infiltration in the allograft, reduced neointimal hyperplasia and glomerular damage, and prolonged graft survival.

Targeting leukocyte trafficking using LA1, an integrin agonist, is beneficial in preventing lung inflammation and protecting alveolar and vascular structures during hyperoxia.

References

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

E-mail: tech@probechem.com