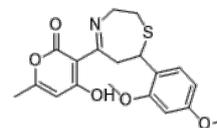


Product Name : KF38789
Cat. No. : PC-26102
CAS No. : 257292-29-8
Molecular Formula : C₁₉H₂₁NO₅S
Molecular Weight : 375.44
Target : Selectin
Solubility : 10 mM in DMSO



Biological Activity

KF38789 is a selective inhibitor of P-selectin-PSGL-1 binding, inhibits binding of U937 cells to immobilized P-selectin immunoglobulin G chimeric protein (P-selectin-Ig) with IC₅₀ of 1.97 uM.

KF38789 does not affect cell adhesion to both E-selectin-Ig and L-selectin-Ig even by 100 uM.

KF38789 inhibits P-selectin-induced superoxide production from human polymorphonuclear cells.

KF38789 significantly inhibits the TG-induced accumulation of leukocytes in the mouse peritoneal cavity.

References

Ohta S, et al. Inflamm Res. 2001 Nov;50(11):544-51.

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

E-mail: tech@probechem.com