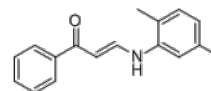


Product Name : TRAF-STOP 6877002
Cat. No. : PC-70335
CAS No. : 433249-94-6
Molecular Formula : C₁₇H₁₇NO
Molecular Weight : 251.32
Target : Other Targets
Solubility : 10 mM in DMSO



2. Seijkens TTP, et al. *J Am Coll Cardiol.* 2018
Feb 6;71(5):527-542.

Biological Activity

TRAF-STOP 6877002 (SMI-6877002) is a small molecule inhibitor that blocks the interaction between **CD40 and TRAF6** (TRAF-STOP), while leaving CD40-TRAF2/3/5 interactions intact, thereby preserving CD40-mediated immunity.

TRAF-STOP 6877002 prevents the progression of established atherosclerosis in mice, reduces leukocyte recruitment and reduces macrophage activation.

TRAF-STOP 6877002 reduces macrophage proliferation in atherosclerotic plaques and reduces the expression of Ki67 in BMDMs.

SMI-6877002 inhibits CD40-TRAF6-dependent inflammation and ameliorates retinal vascular leakage and capillary degeneration in diabetic mice.

References

Chatzigeorgiou A, et al. *Proc Natl Acad Sci U S A.* 2014 Feb 18;111(7):2686-91.

