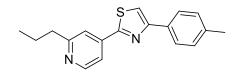


Catalog # 10-1355 Fatostatin CAS# 298197-04-3 2-(2-Propylpyridin-4-yl)-4-(p-tolyl)thiazole Lot # X104707



Blocks adipogenesis by inhibiting the activation of SREBP. Inhibits the ER-Golgi translocation of SREBPs via binding to their escort protein (SCAP). Prevents increases in body weight, blood glucose and hepatic fat accumulation in obese *ob/ob* mice¹. Inhibits high glucose-induced TGF- β in mesangial cells². Cell permeable.

- 1) Kamisuki *et al.* (2009), *A small molecule that blocks fat synthesis by inhibiting the activation of SREBP*; Chem. Biol., **16** 882
- Uttarwar *et al.* (2012), SREBP-1 activation by glucose mediates TGF-β upregulation in mesangial cells; Am. J. Physiol. Renal Physiol., **302** F329

PHYSICAL DATA

Molecular Weight:	294.42
Molecular Formula:	C18H18N2S
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml)
Physical Description:	Yellow solid
Storage and Stability:	Store as supplied desiccated at room temperature for up to 2 years from the date of purchase.
	Solutions in DMSO may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462 www.focusbiomolecules.com