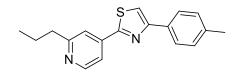


## Catalog # 10-1355 Fatostatin CAS# 298197-04-3 2-(2-Propylpyridin-4-yl)-4-(p-tolyl)thiazole Lot # X104707



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* mice<sup>1</sup>. Inhibits high glucose-induced TGF- $\beta$  in mesangial cells<sup>2</sup>. 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.

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