

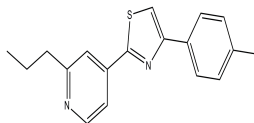
**PRODUCT: Fatostatin**

ALTERNATE NAME: 2-(2-propylpyridin-4-yl)-4-(p-tolyl)thiazole

CATALOG #: 2035-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C<sub>18</sub>H<sub>18</sub>N<sub>2</sub>S

MOLECULAR WEIGHT: 294.41

CAS NUMBER: 298197-04-3

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (25 mg/ml)

PURITY: ≥98% by TLC

STORAGE: Store at -20 °C. Protect from light.

**DESCRIPTION:** Cell-permeable. Blocks adipogenesis by inhibiting the activation of SREBPs (Sterol Regulatory Binding Proteins). 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.

REFERENCE: Kamisuki, S., et al. (2009). Chem. Biol. 16, 882-892.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Adipogenesis Assay Kit (Cat. No. K610-100)

Betulin (Cat. No. 1942-5, 25)

SREBP1 Antibody (Cat. No. 3961-100)

**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*