

Fatostatin, SREBP activation inhibitor

Catalog	Unit
TBI1355-5MG	5 mg
TBI1355-25MG	25 mg

Product Details

Formal Name: 2-(2-Propylpyridin-4-yl)-4-(p-tolyl)thiazole

Molecular Formula: C₁₈H₁₈N₂S

Formula Weight: 294.42

CAS Number: 125256-00-0

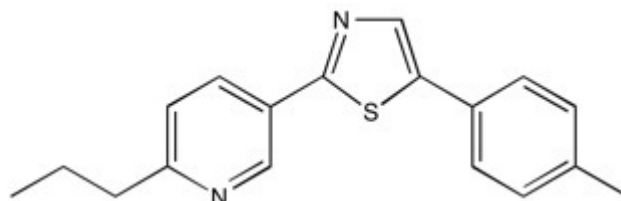
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml).

Storage: RT

Stability: ≥ 2 years.



Applications

SREBP activation inhibitor

Functions

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. Inhibits high glucose-induced TGF- β in mesangial cells. Cell permeable.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.