
Catalog	Unit
TBI1191-5MG	5 mg
TBI1191-25MG	25 mg

Product Details

Formal Name: N-Benzyl-2-(pyrimidin-4-ylamino)thiazole-4-carboxamide

Molecular Formula: C₁₅H₁₃N₅OS

Formula Weight: 311.40

CAS Number: 1226056-71-8

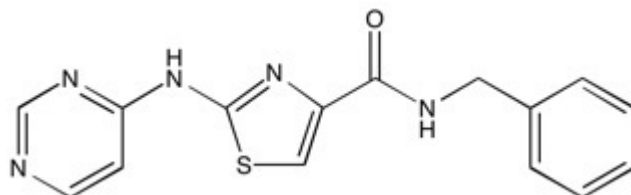
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 30 mg/ml).

Storage: -20°C

Stability: ≥ 2 years.



Applications

Rho kinase inhibitor; Induces fibroblast reprogrammng

Functions

A ROCK inhibitor. Dramatically improves (200-fold) the efficiency of induced pluripotent stem cell generation from human fibroblasts. Induces direct conversion of porcine embryonic fibroblasts into adipocytes. Improves survival of single hESCs on matrigel-coated plates after enzymatic dissociation (more than 30-fold). Cell permeable.

Application Procedures

First dissolved in DMSO (up to 30 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.