

SC-514, IKK-2 inhibitor

Catalog	Unit
TBI1054-10MG	10 mg
TBI1054-50MG	50 mg

Product Details

Formal Name: 5-(Thien-3-yl)-3-aminothiophene-2-carboxamide

Molecular Formula: C₉H₈N₂OS₂

Formula Weight: 224.30

CAS Number: 354812-17-2

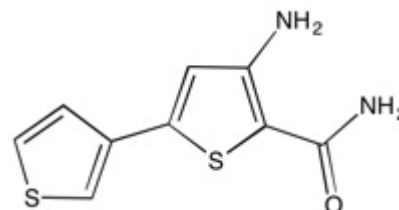
Purity: >98%

Formulation: powder

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

Storage: RT

Stability: ≥ 1 year.



Applications

IKK-2 inhibitor

Functions

Reversible, competitive inhibitor of IKK2 (IC₅₀ = 11.2 μM). Has not been demonstrated to inhibit other IKK isoforms, or other kinases. Displays dose-dependent inhibition of the transcription of NK-κB dependent genes in cell culture.

Application Procedures

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

For research use only.