

Catalog	Unit
TBI4779-5MG	5 mg
TBI4779-25MG	25 mg

Product Details

Formal Name: 1-(3-Chlorophenyl)-3-[5-[2-(thieno[3,2-d]pyrimidin-4-ylamino)ethyl]-1,3-thiazol-2-yl]urea mesylate

Molecular Formula: C₁₈H₁₅ClN₆OS₂·CH₃SO₃H

Formula Weight: 527.04

CAS Number: 1146618-41-8

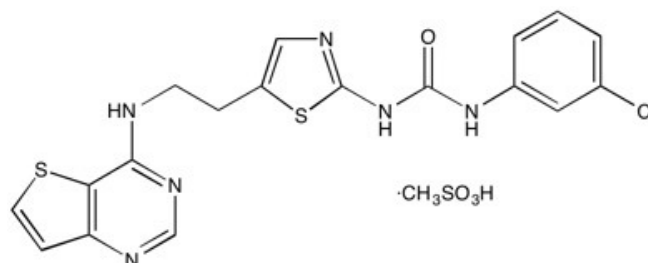
Purity: >98%

Formulation: powder

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

Storage: -20°C

Stability: ≥ 1 year.



Applications

Aurora kinase inhibitor

Functions

SNS-314 is a potent and selective pan-Aurora kinase inhibitor (IC₅₀'s: Aurora A = 9 nM, Aurora B = 31 nM, Aurora C = 3 nM). It was able to inhibit proliferation in a wide panel of human cancer cell lines including colon (HCT116), breast (MDA-MB-231), prostate (PC-3), lung (H1299, Calu-6), ovarian (A2780), melanoma (A375) and liver (SMMC-7721, HepG2, LM6).

Application Procedures

First dissolved in DMSO (up to at least 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 1 month.

For research use only.