

Dasatinib, Src and Bcr/Abl inhibitor

Catalog	Unit
TBI2126-5MG	5 mg
TBI2126-25MG	25 mg

Product Details

Formal Name: N-(2-chloro-6-methylphenyl)-2-(6-(4-(2-hydroxyethyl)-piperazin-1-yl)-2-methylpyrimidin-4-ylamino)thiazole-5-carboxamide

Alternate Names: BMS-354825

Molecular Formula: C₂₂H₂₆ClN₇O₂S

Formula Weight: 488.00

CAS Number: 302962-49-8

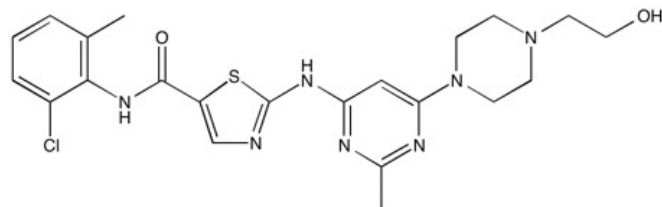
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 200 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

Src and Bcr/Abl inhibitor

Functions

Inhibits Src, Bcr/Abl and Lyn tyrosine kinases (IC₅₀= 0.55, 3.0 and 8.5 nM respectively). Suppresses invasion and induces cell cycle arrest and apoptosis of head and neck squamous cell carcinoma and non-small cell lung cancer cells.

Application Procedures

First dissolved in DMSO (up to 200 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 2 months.

For research use only.