

Nilotinib, BCR-ABL inhibitor

Catalog	Unit
TBI2152-10MG	10 mg
TBI2152-50MG	50 mg

Product Details

Formal Name: 4-Methyl-N-[3-(4-methyl-1H-imidazol-1-yl)-5-(trifluoromethyl)phenyl]-3-[(4-pyridin-3-yl)pyrimidin-2-yl]amino]benzamide

Alternate Names: AMN-107

Molecular Formula: C₂₈H₂₂F₃N₇O

Formula Weight: 529.52

CAS Number: 641571-10-0

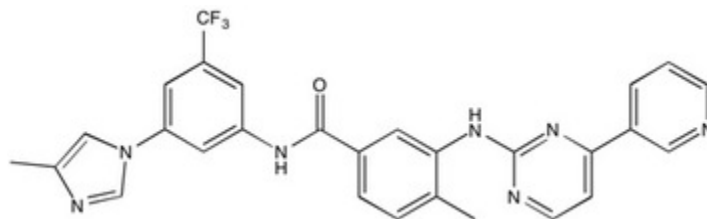
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 50 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

BCR-ABL inhibitor

Functions

A novel, selective BCR-ABL inhibitor. More potent than imatinib against wild-type BCR-ABL (IC₅₀ < 30 nM). Induces apoptosis.

Application Procedures

First dissolved in DMSO (up to 50 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 1 month.

For research use only.