

Brigatinib, pan-ALK inhibitor

Catalog	Unit
TBI5034-5MG	5 mg
TBI5034-25MG	25 mg

Product Details

Formal Name: 5-Chloro-N4-[2-(dimethylphosphinyl)phenyl]-N2-[2-methoxy-4-[4-(4-methyl-1-piperazinyl)-1-piperidinyl]phenyl]-2,4-pyrimidinediamine

Alternate Names: AP26113

Molecular Formula: C₂₉H₃₉ClN₇O₂P

Formula Weight: 584.10

CAS Number: 1197953-54-0

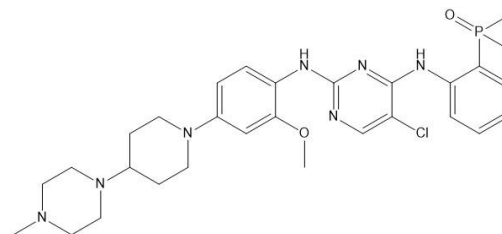
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 1 mg/ml, warm)

Storage: -20°C

Stability: ≥ 2 years.



Applications

pan-ALK inhibitor

Functions

A potent and selective pan-ALK inhibitor IC₅₀=0.6 nM. Cells with ALK mutation L1196Q and the double mutation I1171S + G1269 remain sensitive to brigatinib. Clinically useful in non-small cell lung cancer.

Application Procedures

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

For research use only.