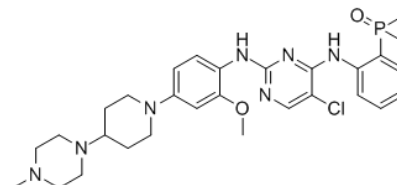


Product Name : Brigatinib
Cat. No. : PC-43260
CAS No. : 1197953-54-0
Molecular Formula : C₂₉H₃₉ClN₇O₂P
Molecular Weight : 584.0924
Target : Anaplastic Lymphoma Kinase (ALK)
Solubility : 10 mM in Ethanol



Biological Activity

Brigatinib (AP-26113, AP26113) is a potent, selective, second generation **ALK** inhibitor with IC₅₀ of 0.62 nM, exhibits about fivefold greater potency in vitro compared with crizotinib.

Brigatinib (AP-26113, AP26113) shows high activity against both sensitive and resistant H3122 cells, decreasing cell growth, suppressing ALK phosphorylation, and inducing apoptosis.

Brigatinib (AP-26113, AP26113) is also active in Ba/F3 cells expressing either native or mutant EML4-ALK with IC₅₀ of 10 and 24 nM, respectively.

Brigatinib (AP-26113, AP26113) demonstrates promising activity in crizotinib resistant.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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