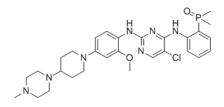


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Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name :	Brigatinib
Cat. No. :	PC-43260
CAS No. :	1197953-54-0
Molecular Formula :	C ₂₉ H ₃₉ CIN ₇ O ₂ P
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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Ceccon M, et al. *Mol Cancer Res.* 2015 Apr;13(4):775-83.

Fontana D, et al. *Cancer Med.* 2015 Jul;4(7):953-65.

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

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