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Data Sheet

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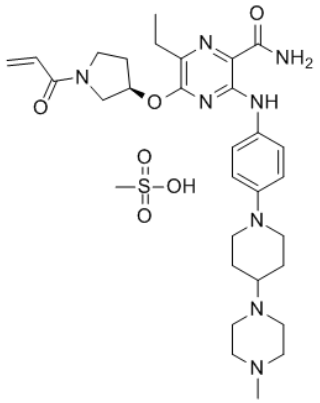
Product Name : Naquotinib mesylate
Cat. No. : PC-45722
CAS No. : 1448237-05-5
Molecular Formula : $C_{31}H_{46}N_8O_6S$
Molecular Weight : 658.812
Target : EGFR
Solubility : DMSO: 12.5 mg/mL



Biological Activity

Naquotinib (ASP-8273) mesylateis a potent, irreversible, mutant-selective inhibitor of **EGFR** (IC50=8-33 nM for (L858R, exon 19 deletion, L858R/T790M, and del19/T790M)).
Naquotinib (ASP-8273) is more potently than that of WT EGFR (IC50= 230 nM).
Naquotinib (ASP-8273) shows activity in mutant EGFR cell line which is resistant to other EGFR TKIs including AZD9291 and CO-1686.

References

Wang S, et al. J Hematol Oncol. 2016 Apr 12;9:34.

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

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