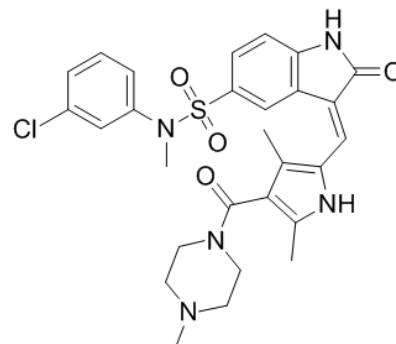


Product Name : SU11274
Cat. No. : PC-42829
CAS No. : 658084-23-2
Molecular Formula : C₂₈H₃₀ClN₅O₄S
Molecular Weight : 568.0869
Target : c-Met (HGFR)
Solubility : 10 mM in DMSO



Biological Activity

SU11274 (PKI-SU11274) is a potent, selective, ATP-competitive **c-Met** kinase inhibitor with IC₅₀ of 20 nM, >50-fold selectivity over Bcr-Abl, JAK2, PDGFβR.

SU11274 (PKI-SU11274) induces G(1) cell cycle arrest and apoptosis with increased Annexin V staining and caspase 3 activity, specifically regulates cell growth in TPR-MET-transformed BaF3 cells with IC₅₀ of <3 μM.

SU11274 (PKI-SU11274) differentially affects the kinase activity and subsequent signaling of various mutant forms of Met (M1268T and H1112Y).

References

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Ma PC, et al. *Cancer Res.* 2005 Feb 15;65(4):1479-88.

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

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