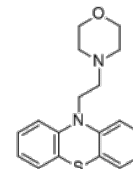


Product Name : TLK1 inhibitor J54
Cat. No. : PC-38651
CAS No. : 4734-59-2
Molecular Formula : C₁₈H₂₀N₂OS
Molecular Weight : 312.431
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

TLK1 inhibitor J54 (J3-54) is a potent, small-molecule **TLK1** inhibitor, induces apoptosis in AS PCa cells, suppresses growth of LNCaP xenografts combined with bicalutamide.

J54 showed much weaker binding to the DR2 than THD or risperidone.

J54 exhibits TLK1 inhibition with reduced pAKT S473 levels in a dose-dependent manner.

References

Vibha Singh, et al. *iScience*. 2020 Aug 20;23(9):101474.

Md Imtiaz Khalil, et al. *Pathophysiology*. 2021 Sep; 28(3): 339–354.

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

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