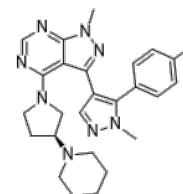


Product Name : CYP3cide
Cat. No. : PC-23802
CAS No. : 1390637-82-7
Molecular Formula : C₂₆H₃₂N₈
Molecular Weight : 456.60
Target : Cytochrome P450 (CYPs)
Solubility : 10 mM in DMSO



Biological Activity

CYP3cide (PF-04981517) is a potent, efficient, and specific time-dependent inhibitor of cytochrome P4503A4 (CYP3A4) with IC₅₀ of 0.03 μ M, >500-fold selective over CYP3A5 and CYP3A7.

CYP3cide (PF-04981517) has an apparent K(I) between 420 and 480 nM with a maximal inactivation rate (k(inact)) equal to 1.6 min⁻¹.

References

Walsky RL, et al. Drug Metab Dispos. 2012 Sep;40(9):1686-97.

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

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