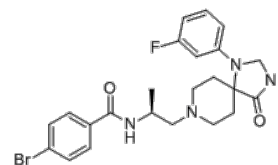


Product Name : ML299
Cat. No. : PC-62136
CAS No. : 1426916-00-8
Molecular Formula : C₂₃H₂₆BrFN₄O₂
Molecular Weight : 489.4
Target : Phospholipase
Solubility : 10 mM in DMSO



Biological Activity

ML299 (VU0463568) is a potent, CNS penetrant, dual phospholipase **PLD1/PLD2** probe inhibitor with IC₅₀ of 6 nM/20 nM, respectively.

ML299 (VU0463568) robustly increases caspase 3/7 activation under serum-free conditions, provides a dose-dependent decrease (100 nM to 10 uM) in invasive migration in U87-MG cells, with statistical significance reached at both the 1 uM and 10 uM doses.

References

Scott SA, et al. *Nat Chem Biol*. 2009 Feb;5(2):108-17.

O'Reilly MC, et al. *J Med Chem*. 2013 Mar 28;56(6):2695-9.

Scott SA, et al. Probe Reports from the NIH Molecular Libraries Program [Internet].

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

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