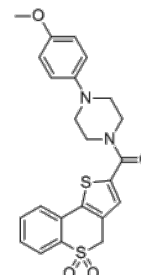


Product Name : ML349
Cat. No. : PC-60917
CAS No. : 890819-86-0
Molecular Formula : C₂₃H₂₂N₂O₄S₂
Molecular Weight : 454.56
Target : Phospholipase
Solubility : DMSO: 20 mg/mL



Biological Activity

ML349 is a potent, specific acyl protein thioesterase 2 (**APT-2**, **LYPLA2**) inhibitor with IC₅₀ of 144 nM and K_i of 120 nM. ML349 displays >20-fold selectivity over APT-1 and serine hydrolase enzyme family. ML349 is a useful chemical probe for investigations into the biological function of LYPLA1 and LYPLA2.

References

- Won SJ, et al. *ACS Chem Biol*. 2016 Dec 16;11(12):3374-3382.
Vujic I, et al. *Oncotarget*. 2016 Feb 9;7(6):7297-306.
Won SJ, et al. *ACS Med Chem Lett*. 2016 Dec 9;8(2):215-220.

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

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