

<b>Product Name</b>	: CRT0273750
<b>Synonyms</b>	: CRT 0273750; CRT-0273750
<b>Cat No.</b>	: M27971
<b>CAS Number</b>	: 1979939-16-6
<b>Molecular Formula</b>	: C <sub>25</sub> H <sub>22</sub> ClF <sub>3</sub> N <sub>4</sub> O <sub>2</sub>
<b>Formula Weight</b>	: 502.9
<b>Chemical Name</b>	: —
<b>Description</b>	<p>CRT0273750 regulates plasma LPA levels and is suitable for in vivo studies. CRT0273750 is an autotaxin (ATX) inhibitor with IC<sub>50</sub> of 0.014 μM. (In Vitro): CRT0273750 is also shown to inhibit the migration of 4T1 cells with an EC<sub>50</sub> of 0.025 μM.</p> <p>CRT0273750 shows high potency in both the biochemical (IC<sub>50</sub> = 0.01 μM) and plasma choline release assay (IC<sub>50</sub> = 0.014 μM). (In Vivo): CRT0273750 treatment shows the C<sub>max</sub>, AUC and t<sub>1/2</sub> values of 3.8 μM, 3.2 μM.h and 1.4 h, respectively and shows a proportional increase. CRT0273750 has a moderate blood clearance, with value of 41 mL/min/kg.</p>
<b>Pathway</b>	: Angiogenesis
<b>Target</b>	: PDE
<b>Receptor</b>	: Cannabinoid Receptor
<b>Solubility</b>	: —
<b>SMILES</b>	: <chem>Cl[C@H](NC(=O)CCc1nc2cccnc2n1Cc1ccc(OC(F)(F)F)cc1)c1ccc(Cl)cc1</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

1. Everett RM, et al. Nephrotoxicity of pravastatin maleate (WIN 48098-6) in dogs: evidence of maleic acid-induced acute tubular necrosis. *Fundam Appl Toxicol.* 1993 Jul;21(1):59-65.