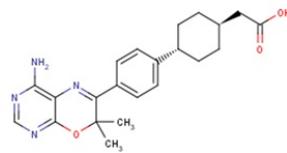


<b>Product Name</b>	: T863
<b>Synonyms</b>	: T863, T 863, T-863
<b>Cat No.</b>	: M19018
<b>CAS Number</b>	: 701232-20-4
<b>Molecular Formula</b>	: C <sub>22</sub> H <sub>26</sub> N <sub>4</sub> O <sub>3</sub>
<b>Formula Weight</b>	: 394.47
<b>Chemical Name</b>	: trans-4-[4-(4-Amino-7,7-dimethyl-7H-pyrimido[4,5-b][1,4]oxazin-6-yl)phenyl]cyclohexaneacetic acid
<b>Description</b>	: T-863(DGAT-1 inhibitor) is an orally active, selective and potent DGAT1 (Acyl-CoA:diacylglycerol acyltransferase 1) inhibitor that interacts with the acyl-CoA binding site of DGAT1, and inhibits triacylglycerol synthesis in cells. IC <sub>50</sub> value: Target: DGAT1 T863 causes weight loss, reduction in serum and liver triglycerides, and improved insulin sensitivity in obese mice.
<b>Pathway</b>	: Cell Cycle/DNA Damage
<b>Target</b>	: DNA/RNA Synthesis
<b>Receptor</b>	: DGAT1
<b>Solubility</b>	: DMSO : ≥ 50 mg/mL; 126.75 mM
<b>SMILES</b>	: O=C(O)C[C@H]1CC[C@H](CC1)c2ccc(cc2)C4=Nc3c(ncnc3N)OC4(C)C
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:



1.Cao J, et al. Targeting Acyl-CoA:diacylglycerol acyltransferase 1 (DGAT1) with small molecule inhibitors for the treatment of metabolic diseases. *J Biol Chem*. 2011 Dec 2;286(48):41838-51.