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**Product Data Sheet**

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Product Name: LDN 193188

Cat. No.: GC50220

**Chemical Properties**

Cas. No. 1267610-30-9

SMILES O=C(NC(NC1=CC=C(S(NC2=NC(C)=CC(C)=N2)(=O)=O)C=C1)=O)C3=C(Cl)C=C(Cl)C=C3Formula C<sub>20</sub>H<sub>17</sub>Cl<sub>2</sub>N<sub>5</sub>O<sub>4</sub>S M.Wt 494.35

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Inhibitor of phosphatidylcholine transfer protein (PC-TP). Regulates hepatic glucose metabolism. Also promotes insulin-independent phosphorylation of key insulin signaling molecules.

Shishova et al (2011) Genetic ablation or chemical inhibition of phosphatidylcholine transfer protein attenuates diet-induced hepatic glucose production. Hepatology 54 664 PMID:21538437 |Wagle et al (2008) Small-molecule inhibitors of phosphatidylcholine transfer protein/StarD2 identified by high-throughput screening. Anal.Biochem. 383 85 PMID:18762160

**Caution: Product has not been fully validated for medical applications. For research use only.**

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