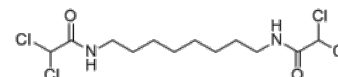


Product Name : WIN-18446
Cat. No. : PC-60168
CAS No. : 1477-57-2
Molecular Formula : C₁₂H₂₀Cl₄N₂O₂
Molecular Weight : 366.11
Target : Aldehyde Dehydrogenase (ALDH)
Solubility : 10 mM in DMSO



Biological Activity

WIN-18446 is a potent, covalent, orally active **ALDH1A2** inhibitor with IC₅₀ of 0.3 μM.
WIN-18446 potently inhibits spermatogenesis and causes infertility in vivo by inhibiting retinoic acid synthesis.

References

Amory JK, et al. *J Androl.* 2011 Jan-Feb;32(1):111-9.
Paik J, et al. *J Biol Chem.* 2014 May 23;289(21):15104-17.

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

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