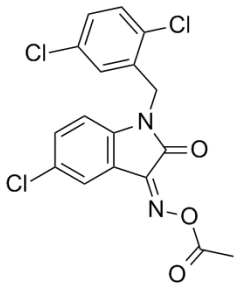
Product Name	:	LDN-57444
Synonyms	:	Ubiquitin C-terminal Hydrolase L1 Inhibitor; UCH-L1 Inhibitor
Cat No.	:	M15554
CAS Number	:	668467-91-2
Molecular Formula	:	C17H11Cl3N2O3
Formula Weight	:	397.64
Chemical Name	:	1H-Indole-2,3-dione, 5-chloro-1-[(2,5-dichlorophenyl)methyl]-, 3-(O-acetyloxime)
Description	:	A reversible, competitive, active site-directed Uch-L1 inhibitor with IC50 of 0.88 uM; shows weak inhibition on Uch-L3 (IC50> 20 uM); causes cell death through the apoptosis pathway by decreasing the activity of ubiquitin proteasome system and increasing the levels of highly ubiquitinated proteins, both of which can activate UPR.
Pathway	:	Proteasome/Ubiquitin
Target	:	DUB
Receptor	:	UCH-L1;UCH-L3
Solubility	:	10 mM in DMSO
SMILES	:	O=C1N(CC2=CC(Cl)=CC=C2Cl)C3=C(C=C(Cl)C=C3)/C1=N/OC(C)=O
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



1. Gong B, et al. Cell. 2006 Aug 25;126(4):775-88.| 2. Xie M, et al. J Alzheimers Dis. 2016;49(2):353-63.| 3. Tan YY, et al. Mol Cell Biochem. 2008 Nov;318(1-2):109-15.