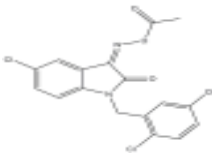


PRODUCT: LDN-57444

ALTERNATE NAME:	3-(O-acetyloxime), 5-chloro-1-[(2,5-dichlorophenyl)methyl]-1H-Indole-2,3-dione, C30, LDN 57444
CATALOG #:	2016-5, 25
AMOUNT:	5 mg, 25 mg
STRUCTURE:	
MOLECULAR FORMULA:	C ₁₇ H ₁₁ Cl ₃ N ₂ O ₃
MOLECULAR WEIGHT:	397.64
CAS NUMBER:	668467-91-2
APPEARANCE:	Yellow solid
SOLUBILITY:	DMSO (20 mg/ml)
PURITY:	≥98% by TLC
STORAGE:	Store at -20 °C. Protect from light.
DESCRIPTION:	Cell-permeable. LDN-57444 is a potent, reversible, competitive and active site-directed inhibitor of UCHL1 (K _i = 0.4 μM). Decreases proteasome activity and increases levels of ubiquitinated proteins. Induces apoptosis. Causes dramatic alterations in synaptic protein distribution and spine morphology <i>in vivo</i> .
HANDLING:	Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Aclacinomycin A (Cat. No. 2032-5, 25)
 Calpain Inhibitor I, ALLN (Cat. No. 1834-5, 25)
 Calpain Inhibitor II, ALLM (Cat. No. 1834-5, 25)
 Clasto-Lactacystin β-Lactone (Cat. No. 1710-100)
 E6AP Antibody (Cat. No. 3744-100)
 (-)-Epigallocatechin gallate (Cat. No. 1841-50)
 Isopeptidase T (short form), human recombinant (Cat. No. 4861-25)
 Isopeptidase T (long form), human recombinant (Cat. No. 4862-25)
 Lactacystin (Cat. No. 1709-200)
 MG-115 (Cat. No. 1831-1, 5)
 MG-132 (Cat. No. 1703-5, 25)
 PS-341 (Cat. No. 1846-1,5)
 EZSolution™ MG-132 (Cat. No. 1791-5)
 MDBN (Cat. No. 2033-5, 25)
 NEDD8-AMC (Cat. No. 4843-25)
 NSC-687852 (Cat. No. 2021-5, 25)
 Proteasome Activity Assay Kit (Cat. No. K245-100)
 Proteasome Substrate, Fluorogenic (Cat. No. 1832-1, 5)
 PYR-41 (Cat. No. 1925-5, 25)
 Suc-Leu-Leu-Val-Tyr-AMC (Cat. No. 1833-5)
 (±)- Thalidomide (Cat. No. 2020-10, 50)
 Ubch1, human recombinant (GST-tag) (Cat. No. 4846-100)
 Ubch2, human recombinant (His-tag) (Cat. No. 4848-100)
 Ubch3, human recombinant (His-tag) (Cat. No. 4849-100)
 Ubch5a, human recombinant (His-tag) (Cat. No. 4851-100)
 Ubch5b, human recombinant (His-tag) (Cat. No. 4852-100)
 Ubch5c, human recombinant (His-tag) (Cat. No. 4854-100)
 Ubiquitin Aldehyde (Cat. No. 4845-50)
 Ubiquitin, human recombinant (Cat. No. 4841-100,1000)
 Ubiquitin AMC (Cat. No. 4842-25)
 UCH-L1, human recombinant (GST-tag) (Cat. No. 4855-50)
 USP7 Antibody (Cat. No. 3737-100)
 USP-14 Inhibitor IU1 (Cat. No. 1845-5, 25)
 WP-1130 (Cat. No. 2014-5, 25)

USAGE: FOR RESEARCH CH USE ONLY! Not to be used in humans