

## LDN-57444

Cat. No. CEI-0691

Lot. No. (See product label)

### Introduction

**Description** Cell-permeable. LDN-57444 is a potent, reversible, competitive and active site-directed inhibitor of UCHL1 ( $K_i = 0.4 \mu\text{M}$ ). Decreases proteasome activity and increases levels of ubiquitinated proteins. Induces apoptosis. Causes dramatic alterations in synaptic protein distribution and spine morphology in vivo.

### Product Information

**Appearance** Brown to dark brown solid

**CAS No.** 668467-91-2

**Molecular Formula** C 17 H 11 Cl 3 N 2 O 3

**Chemical Name** 3-(O-acetyloxime), 5-chloro-1-[(2,5-dichlorophenyl)methyl]-1H-Indole-2,3-dione, C30, LDN 57444

**Molecular Weight** 992.79

**Purity** Dye content: ~ 80%

**Targets** UCHL1

**Solubility** H 2 O (10 mg/ml)

### Storage and Shipping Information

**Storage** -20 centigrade

**Shipping Conditions** Gel pack