

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