

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

LDN-57444

Catalogue No.: abx076622

LDN-57444 is a small molecule. Inhibits ubiquitin C-terminal hydrolase (UCH-L1) ($K_i=0.4 \mu\text{M}$). Decreases proteasome activity and increases levels of ubiquitinated proteins. Induces apoptosis. Causes dramatic alterations in synaptic protein distribution and spine morphology in vivo. Cell permeable.

Target:	LDN-57444
Origin:	Synthetic
Purity:	>98%
Form:	Yellow Powder
CAS Number:	668467-91-2
Storage:	Store at -20 °C.
Molecular Weight:	397.6
Molecular Formula:	$\text{C}_{17}\text{H}_{11}\text{Cl}_3\text{N}_2\text{O}_3$
SMILES:	<chem>CC(=O)O/N=C1/C2=C(C=CC(=C2)Cl)N(C1=O)CC3=C(C=CC(=C3)Cl)Cl</chem>
Note:	This product is for research use only.