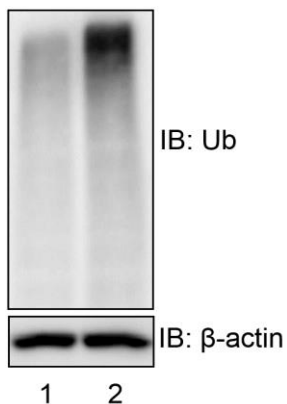


b-AP15

Cat. # F2100, F2101

Also Known as: N/A
Formula: $C_{22}H_{17}N_3O_6$
MW: 419.4 Da
CAS No.: 1009817-63-3
Source: Synthetic
Form: Lyophilized powder
Solubility: Soluble in DMSO
Concentration: N/A
Quality Assurance: >98% by HPLC and NMR

Image :



Equal amount of whole cell lysates prepared from DMSO (lane 1) or 2 μM b-AP15 (lane 2)-treated HeLa cells were separated by SDS-PAGE and immunoblotted with an anti-Ub antibody. HEK293T cells were treated with DMSO or b-AP15 for 5 hours.

Description: b-AP15 is a specific inhibitor of the deubiquitinating enzymes Uch37 and Usp14 of the 26S proteasome. It blocks the deubiquitinating activity of the 26S proteasome. Treating cells with b-AP15 causes the accumulation of polyubiquitinated proteins, inhibition of proteasomal degradation, upregulation of apoptotic markers and cell death.

Storage: Eligible for room temperature shipping. Store at -80°C upon receiving; avoid multiple freeze-thaw cycles after dissolving in DMSO.

Note: Briefly spin the tube before removing the cap.

Literature: 1. D'Acry P, *et al.* (2011) Nat. Med. 17. 1636.

