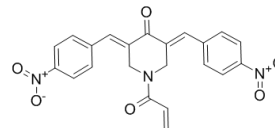


Product Name	: B-AP15
Synonyms	: b-AP15; USP14 Inhibitor III; UCHL5UCH37 Inhibitor II; NSC687852.
Cat No.	: M10064
CAS Number	: 1009817-63-3
Molecular Formula	: C ₂₂ H ₁₇ N ₃ O ₆
Formula Weight	: 419.39
Chemical Name	: (3E,5E)-1-acryloyl-3,5-bis(4-nitrobenzylidene)piperidin-4-one.
Description	: B-AP15(NSC687852) is a specific inhibitor of the deubiquitinating enzymes UCHL5 and Usp14 of the 26S proteasome. It blocks the deubiquitinating activity of the 26S proteasome.
Pathway	: Proteasome/Ubiquitin
Target	: DUB
Receptor	: UCHL5
Solubility	: DMSO: 48 mg/mL warmed (114.45 mM)
SMILES	: <chem>O=C1C(CN(C(C=C)O)C/C1=C/C2=CC=C([N+])([O-])=O)C=C2)/C/C3=CC=C([N+])([O-])=O)C=C3</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:



1. D'Arcy P, et al. Nat Med. 2011 Nov 6;17(12):1636-40.