

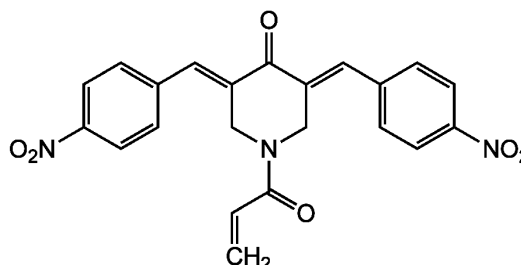
AG-CS1-0102

29-Oct-2014

b-AP15 [DUB Inhibitor] Solution

[VLX1500; NSC 687852]

AG-CS1-0102-M001	1 mg
AG-CS1-0102-M010	10 mg
Formula	C ₂₂ H ₁₇ N ₃ O ₆
MW	419.4
CAS	1009817-63-3



Handling / Storage

Shipping	BLUE ICE
Short Term Storage	-20°C
Long Term Storage	-20°C

Avoid freeze/thaw cycles.

Use / Stability

Stable for at least 6 months after receipt when stored at -20°C.

MSDS available at www.adipogen.com or upon request.

Manufactured by Boston Biochem

Product Specifications

Purity	≥98% (HPLC)
Identity	Determined by ¹ H-NMR.
Appearance	Liquid.
Formulation	10mM stock solution in DMSO.

Other Product Data

Note: May hydrolyze slowly in aqueous buffers.

Product Description

- Potent, reversible and cell-permeable inhibitor of the 19S deubiquitinases (DUBs) ubiquitin-specific-processing protease 14 (USP14) and ubiquitin carboxyl-terminal hydrolase isozyme L5 (UCHL5).
- Inhibitor of the 20S proteasome.

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. **MATERIAL SAFETY DATA:** Review the complete Material Safety Data Sheet before use.

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For Local Distributors please visit
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- Anti-tumor compound.

Product Specific References

1. Inhibition of proteasome deubiquitinating activity as a new cancer therapy: P. D'Arcy, et al.; Nat. Med. 17, 1636 (2011)
2. A novel small molecule inhibitor of deubiquitylating enzyme USP14 and UCHL5 induces apoptosis in multiple myeloma and overcomes bortezomib resistance: Z. Tian, et al.; Blood **123**, 706 (2014)
3. The 19S Deubiquitinase inhibitor b-AP15 is enriched in cells and elicits rapid commitment to cell death: X. Wang, et al.; Mol. Pharmacol. **85**, 932 (2014)
4. Inhibitory effect of b-AP15 on the 20S proteasome: L. Huang, et al.; Biomolecules **4**, 931 (2014)

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