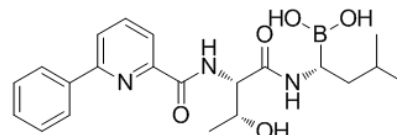


**Product Name** : Delanzomib  
**Cat. No.** : PC-42597  
**CAS No.** : 847499-27-8  
**Molecular Formula** : C<sub>21</sub>H<sub>28</sub>BN<sub>3</sub>O<sub>5</sub>  
**Molecular Weight** : 413.2751  
**Target** : Proteasome  
**Solubility** : 10 mM in DMSO  
4. Berkers CR, et al. Mol Pharm. 2012 May 7;9(5):1126-35.



## Biological Activity

A potent, orally active proteasome inhibitor with IC<sub>50</sub> of 3.8 nM against chymotrypsin-like proteasome activity; demonstrates marginal inhibition of the tryptic and peptidyl glutamyl activities of the proteasome; down-modulates the NF-kappaB activity and the expression of several NF-kappaB downstream effectors, induces apoptotic cell death in MM cells; demonstrates tumor regression in MM xenografts with favorable tumor selectivity profile.

Blood Cancer

Phase 1 Discontinued

## References

Piva R, et al. Blood. 2008 Mar 1;111(5):2765-75.

Sanchez E, et al. Br J Haematol. 2010 Feb;148(4):569-81.

Seavey MM, et al. Int Immunopharmacol. 2012 Jan;12(1):257-70.

