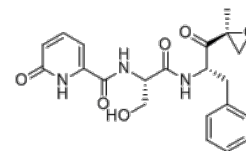


**Product Name** : KZR-504  
**Cat. No.** : PC-60962  
**CAS No.** : 1629052-78-3  
**Molecular Formula** : C<sub>21</sub>H<sub>23</sub>N<sub>3</sub>O<sub>6</sub>  
**Molecular Weight** : 413.43  
**Target** : Proteasome  
**Solubility** : 10 mM in DMSO



## Biological Activity

KZR-504 (KZR504) is a potent, highly selective inhibitor of immunoproteasome low molecular polypeptide-2 (**LMP2**) subunit with IC<sub>50</sub> of 51 nM.

KZR-504 displays >100-fold selectivity over β1, LMP7, β5, MECL1 and β2 subunits.

KZR-504 shows little to no effect on cytokine production in human peripheral blood mononuclear cells (PBMCs) stimulated with LPS, and can be administered at a selective dose in vivo.

## References

Johnson HWB, et al. *ACS Med Chem Lett.* 2017 Mar 9;8(4):413-417.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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