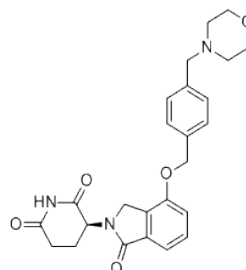


Data Sheet

[WWW. UREIKO-CHEM. COM](http://WWW.UREIKO-CHEM.COM)

Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name : CC-220
Cat.No. : URK-V2334
CAS No. : 1323403-33-3
Molecular Formula : $C_{25}H_{27}N_3O_5$
Molecular Weight : 449.5
Target :
Solubility :



Biological Activity

Iberdomide (CC-220) is a potent, next-generation modulator of cereblon E3 ubiquitin ligase with IC₅₀ of 60 nM. CC-220 exhibits significantly higher affinity than lenalidomide and pomalidomide (IC₅₀=1.5 and 1.2 μM, respectively). CC-220 reduces and degrades Aiolos and Ikaros protein levels (EC₅₀=1 nM and 0.5 nM, respectively) and BAFF- and CD40L-induced proliferation, plasmablast differentiation, and IgG secretion in cellular degradation assay.

References

1. Matyskiela ME, et al. J Med Chem. 2017 Apr 20. doi: 10.1021/acs.jmedchem.6b01921.
2. Nakayama Y, et al. J Immunol. 2017 Oct 1;199(7):2388-2407.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

JACK@UREIKO-CHEM.COM