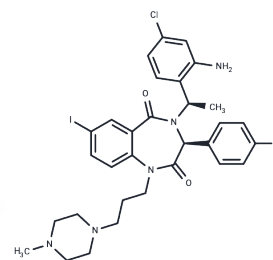


TDP665759

## Chemical Properties

CAS No. : 787632-66-0  
 Formula: C<sub>31</sub>H<sub>34</sub>Cl<sub>2</sub>IN<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 706.44  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	TDP665759 is an inhibitor of the Hdm2:p53 complex that acts by suppressing human tumor cell proliferation in vitro.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4155 mL	7.0777 mL	14.1555 mL
5 mM	0.2831 mL	1.4155 mL	2.8311 mL
10 mM	0.1416 mL	0.7078 mL	1.4155 mL
50 mM	0.0283 mL	0.1416 mL	0.2831 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Bandaru S, Ponnala D, Lakkaraju C, Bhukya CK, Shaheen U, Nayariseri A. Identification of High Affinity Non-Peptidic Small Molecule Inhibitors of MDM2-p53 Interactions through Structure-Based Virtual Screening Strategies. Asian Pac J Cancer Prev. 2015;16(9):3759-65. PubMed PMID: 25987034.

Koblish HK, Zhao S, Franks CF, Donatelli RR, Tominovich RM, LaFrance LV, Leonard KA, Gushue JM, Parks DJ, Calvo RR, Milkiewicz KL, Marugán JJ, Raboisson P, Cummings MD, Grasberger BL, Johnson DL, Lu T, Molloy CJ, Maroney AC. Benzodiazepinedione inhibitors of the Hdm2:p53 complex suppress human tumor cell proliferation in vitro and sensitize tumors to doxorubicin in vivo. Mol Cancer Ther. 2006 Jan;5(1):160-9. PubMed PMID: 16432175.

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