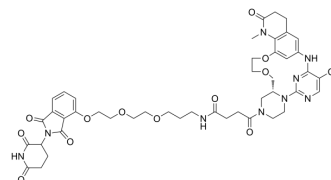


## BCL6 PROTAC 1

Cat. No.:	HY-122829
CAS No.:	2257479-54-0
Molecular Formula:	C <sub>45</sub> H <sub>52</sub> ClN <sub>9</sub> O <sub>12</sub>
Molecular Weight:	946.4
Target:	PROTACs; Bcl-2 Family
Pathway:	PROTAC; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	BCL6 PROTAC 1 is a selective B-cell lymphoma 6 (BCL6) PROTAC. BCL6 PROTAC 1 inhibits BCL6 cell reporter with an IC <sub>50</sub> value of 8.8 μM. BCL6 PROTAC 1 significantly degrades BCL6 in diffuse large B-cell lymphoma (DLBCL) cell lines. BCL6 PROTAC 1 can be used in tumor related research <sup>[1]</sup> .																
<b>IC<sub>50</sub> &amp; Target</b>	B-cell lymphoma 6, BCL6 <sup>[1]</sup>																
<b>In Vitro</b>	<p>BCL6 PROTAC 1 (Compound 15)(0.0001-10 μM; 1-72 h) degrades B-cell lymphoma 6 (BCL6) with dose-dependent manner in OCI-Ly1 cells<sup>[1]</sup>.</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>Cell Viability Assay<sup>[1]</sup></p> <table border="1"> <tr> <td>Cell Line:</td> <td>OCI-Ly1 cells.</td> </tr> <tr> <td>Concentration:</td> <td>1 μM.</td> </tr> <tr> <td>Incubation Time:</td> <td>16 d.</td> </tr> <tr> <td>Result:</td> <td>Had no effect on cell viability.</td> </tr> </table> <p>Western Blot Analysis<sup>[1]</sup></p> <table border="1"> <tr> <td>Cell Line:</td> <td>OCI-Ly1 cells.</td> </tr> <tr> <td>Concentration:</td> <td>0.0001, 0.001, 0.01, 0.1, 0.2, 1, 3, 5 and 10 μM.</td> </tr> <tr> <td>Incubation Time:</td> <td>1, 2, 4, 6, 8, 10, 24, 48, 72 h.</td> </tr> <tr> <td>Result:</td> <td>Degraded BCL6.</td> </tr> </table>	Cell Line:	OCI-Ly1 cells.	Concentration:	1 μM.	Incubation Time:	16 d.	Result:	Had no effect on cell viability.	Cell Line:	OCI-Ly1 cells.	Concentration:	0.0001, 0.001, 0.01, 0.1, 0.2, 1, 3, 5 and 10 μM.	Incubation Time:	1, 2, 4, 6, 8, 10, 24, 48, 72 h.	Result:	Degraded BCL6.
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### REFERENCES

[1]. McCoull W, et al. Development of a Novel B-Cell Lymphoma 6 (BCL6) PROTAC To Provide Insight into Small Molecule Targeting of BCL6. ACS Chem Biol. 2018 Nov 16;13(11):3131-3141.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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