

F1324

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| Cat. No.: | HY-100866 |
| CAS No.: | 2607975-44-8 |
| Molecular Formula: | C ₈₃ H ₁₂₁ N ₂₁ O ₂₀ S |
| Molecular Weight: | 1765.04 |
| Sequence Shortening: | Ac-LWYTDIRMSWRVP-OH |
| Target: | Bcl-2 Family |
| Pathway: | Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

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| Description | F1324 is a potent, high affinity peptidic inhibitor of B cell lymphoma 6 (BCL6) with an IC ₅₀ of 1 nM. F1324 exhibits binding t _{1/2} value of 441 s and has strong inhibition activity against BCL6 PPI ^[1] . |
| IC ₅₀ & Target | IC ₅₀ : 1 nM (BCL6) ^[1] |
| In Vitro | F1324 binds to BCL6(5-129) with K _D and IC ₅₀ values of 0.57 nM and 1 nM according to the results of an SPR analysis and cell-free ELISA assay, respectively ^[1] . F1324 binds BCL6 not only in cell-free but also cellbased conditions ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Sakamoto K, et al. Discovery of high-affinity BCL6-binding peptide and its structure-activity relationship. *Biochem Biophys Res Commun.* 2017 Jan 8;482(2):310-316.

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

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