

F1324 TFA

Cat. No.:	HY-100866A	
Molecular Formula:	$C_{83}H_{121}N_{21}O_{20}S \cdot xC_2HF_3O_2$	
Sequence Shortening:	Ac-LWYTDIRMSWRVP-OH	
Target:	Bcl-2 Family	Ac-LWYTDIRMSWRVP-OH (TFA salt)
Pathway:	Apoptosis	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description	F1324 TFA is a potent, high affinity peptidic inhibitor of B cell lymphoma 6 (BCL6), with an IC ₅₀ of 1 nM. F1324 TFA 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 TFA 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 TFA 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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