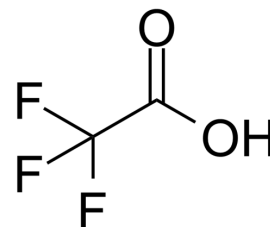


c-Myc Peptide TFA

Cat. No.:	HY-P0312
Molecular Formula:	C ₅₃ H ₈₇ F ₃ N ₁₂ O ₂₃
Molecular Weight:	1317.32
Sequence:	Glu-Gln-Lys-Leu-Ile-Ser-Glu-Glu-Asp-Leu
Sequence Shortening:	EQKLISEEDL
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year

EQKLISEEDL



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (37.96 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.7591 mL	3.7956 mL	7.5912 mL
	5 mM	0.1518 mL	0.7591 mL	1.5182 mL
	10 mM	0.0759 mL	0.3796 mL	0.7591 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

c-Myc Peptide (TFA) is a synthetic peptide corresponding to the C-terminal amino acids (410-419) of human c-myc protein, and participates in regulation of growth-related gene transcription.

In Vitro

C-myc plays a critical role in the growth of breast cancer cells^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Nat Commun. 2022 Oct 26;13(1):6350.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Watson PH, et al. Inhibition of c-myc expression by phosphorothioate antisense oligonucleotide identifies a critical role for c-myc in the growth of human breast cancer. Cancer Res. 1991 Aug 1;51(15):3996-4000.

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

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