



H1-S6A, F8A

Store at -20°C

Catalog No. 11216-060 0.5 mg

PEPTIDE NAME: H1-S6A,F8A c-Myc inhibitor

SEQUENCE: Asn-Glu-Leu-Lys-Arg-Ala-Phe-Ala-Ala-Leu-Arg-Asp-Gln-Ile

CATALOG NO.: 11216-060

SIZE: 0.5 mg

SEQUENCE DESCRIPTION: H1 DNA-binding region of c-Myc containing Ser to Ala, and Phe to Ala substitutions (underlined) to confer an increase in its potency to inhibit c-Myc^{1,2}. The cell-permeable version of this peptide, Int-H1-S6A,F8A c-Myc inhibitor (Marligen cat.# 11216-059), contains an N-term internalization sequence.

MOLECULAR WEIGHT: 1644.9

PURITY: >95% by HPLC analysis.

AMINO ACID ANALYSIS AND IDENTITY: Confirms.

PEPTIDE CONTENT: 72%

SUPPLIED AS: Trifluoroacetate salt; 0.5 mg net peptide/vial.

PHYSICAL APPEARANCE: Lyophilized solid.

SOLUBILITY: H₂O

STORAGE: -20°C

USAGE: Non-cell-permeable control for the Int-H1-S6A,F8A (Marligen cat.# 11216-059) c-Myc inhibitor¹. Inhibits CM1 consensus sequence binding of c-Myc-92 (C-term of c-Myc containing the bHLH region) with IC₅₀=1 μM².

LITERATURE REFERENCES:

1. L Giorello *et al. Cancer Res.* 1998 **58** 3654
2. L.J. Draeger *et al. J. Biol. Chem.* 1994 **269** 1785