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DATA SHEET

Reagent:	HIV-1 IIIB C34 Peptide
Catalog Number:	9824
Lot Number:	150280
Provided:	0.5 mg net peptide, lyophilized
Description:	Peptide derived from the HIV-1 envelope glycoprotein transmembrane subunit gp41 C-terminal heptad repeat (C-HR) region.
Sequence:	Ac-WMEWDREINNYTSLIHSLIEESQNQQEKNEQELL-NH2
Purity:	>98%
Peptide Content:	90.05%
Solubility:	Soluble in water.
Special Characteristics:	Inhibits membrane fusion mediated by gp41. Certificate of analysis and purity data.
Molecular Weight:	Calculated mass: 4289.7 Observed mass: 4289.29
Recommended Storage:	Keep at -20°C lyophilized and -80°C after reconstitution.
Contributor:	DAIDS, NIAID (produced by BioSynthesis)
References:	Gallo SA, Sackett K, Rawat SS, Shai Y, Blumenthal R. The stability of the intact envelope glycoproteins is a major determinant of sensitivity of HIV/SIV to peptidic fusion inhibitors. J Mol Biol 340: 9–14 2004 Abstract

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 IIIB C34 Peptide from DAIDS, NIAID."

Recipient agrees that the reagent (HIV-1 IIIB C34 Peptide) use is permitted only as a standard for in vitro and/or studies in animals for inhibition of HIV replication.

Last Updated: October 25, 2016