



LKT Laboratories, Inc.

Vesicular Stomatitis Virus Peptide

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Product Information

Product ID V1872

CAS No. 132326-74-0

Chemical Name

Synonym Vesicular Stomatitis Virus NP(52-59), VSV-8

Formula $C_{44}H_{66}N_{12}O_{12}$

Formula Wt. 955.09

Melting Point

Purity $\geq 95\%$

Solubility

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Vesicular stomatitis virus (VSV) is an antigenic peptide fragment of VSV that binds the LDL receptor. VSV exhibits anticancer chemotherapeutic potential. VSV is used as a vector to express tumor-targeting ligands, allowing the virus to target, infect, and kill tumor cells. VSV inhibits myeloma growth in vivo and also kills a variety of neuroendocrine cells in vitro and in vivo.

Arg-Gly-Tyr-Val-Tyr-Gln-Gly-Leu

Bulk quantities available upon request

Product ID	Size
V1872	1 mg
V1872	2 mg
V1872	5 mg

References Ammayappan A, Peng KW, Russell SJ. Characteristics of oncolytic vesicular stomatitis virus displaying tumor-targeting ligands. *J Virol.* 2013 Dec;87(24):13543-55. PMID: 24089573.

Randle RW, Northrup SA, Sirintrapun SJ, et al. Oncolytic vesicular stomatitis virus as a treatment for neuroendocrine tumors. *Surgery.* 2013 Dec;154(6):1323-29; discussion 1329-30. PMID: 23973113.

Naik S, Nace R, Barber GN, et al. Potent systemic therapy of multiple myeloma utilizing oncolytic vesicular stomatitis virus coding for interferon- β . *Cancer Gene Ther.* 2012 Jul;19(7):443-50. PMID: 22522623.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.