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## Product Data Sheet

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Product Name: CEF27, Epstein-Barr Virus BRLF-1 lytic 148-156

Cat. No.: GC35643

### Chemical Properties

Cas. No. 254110-79-7

Formula TKS<sub>2</sub>VY<sub>2</sub> M.Wt 302.93

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

CEF27, Epstein-Barr Virus BRLF-1 lytic 148-156 corresponding to amino acids 148-156 of the BRLF1 protein. BRLF1 is a transcriptional activator that binds directly to a GC-rich motif present in some Epstein-Barr virus (EBV) lytic gene promoters[1].

Expression of the EBV immediate-early (IE) protein BRLF1 induces the lytic form of viral replication in most EBV-positive cell lines[1].

[1]. Darr CD, et al. Epstein-Barr virus immediate-early protein BRLF1 induces the lytic form of viral replication through a mechanism involving phosphatidylinositol-3 kinase activation. J Virol. 2001 Jul;75(13):6135-42.

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

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