

Product Data Sheet

Product Name: VK-1727

Cat. No.: GC70579

Chemical Properties

Cas. No.

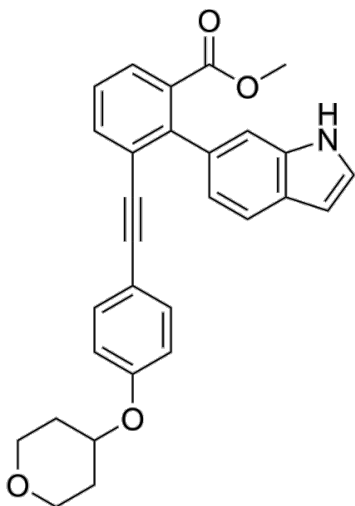
Formula $C_{29}H_{25}NO_4$ M.Wt 451.51

Solubility DMSO : 100 mg/mL (221.48 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

VK-1727 is a selective small molecule inhibitor of EBNA1. VK-1727 can reduce EBNA1 DNA binding activity. VK-1727 selectively blocks the proliferation and metabolic activity of EBV+ cells, instead of EBV- cells. VK-1727 is used in multiple sclerosis research.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

VK-1727 (25 μ M, 72 h) significantly decreases the total population of G2 cell in EBV+ cells [1].

References:

[1]. Monaco MCG, et al. EBNA1 Inhibitors Block Proliferation of Spontaneous Lymphoblastoid Cell Lines From Patients With Multiple Sclerosis and Healthy Controls. *Neurol Neuroimmunol Neuroinflamm.* 2023 Aug 10;10(5):e200149.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA