

Product Datasheet

GSK3326595

Catalog No. **BP-02339** · CAS **1616392-22-3** · Form **free base** · Physical state **solid** · Color **White to light yellow** · Version **1.0** · Revision **2026-09-10**

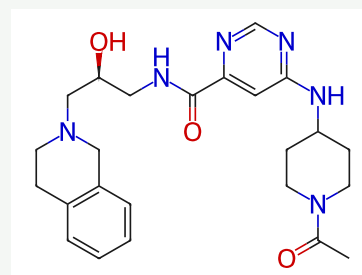
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Target Bcl-2 Family	Research area Cancer
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Molecular formula **C₂₄H₃₂N₆O₃**

Molecular weight **452.5493**

STRUCTURE



DESCRIPTION

Pemrametostat (GSK3326595, EPZ015938) is an orally active, potent and selective inhibitor of protein arginine methyltransferase 5 (PRMT5) and potently inhibits tumor growth in vitro and in vivo in animal models.

BIOLOGICAL ACTIVITY

GSK3326595 is a potent, reversible and selective protein arginine methyltransferase 5 (PRMT5) inhibitor with broad antiproliferative activity for studies related to lymphoma and leukemia.

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 62.5 mg/mL

REFERENCES

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- [3]. Zhang Y, et al. PRMT5 inhibition induces pro-inflammatory macrophage polarization and increased hepatic triglyceride levels without affecting atherosclerosis in mice [J]. Journal of Cellular and Molecular Medicine, 2023, 27(8): 1056-1068.
- [4]. Li Z, et al. GSK3326595 is a promising drug to prevent SARS-CoV-2 Omicron and other variants infection by inhibiting ACE2-R671 di-methylation [J]. Journal of Medical Virology, 2023, 95(1): e28158.

[5]. Luo Y, et al. Myelocytomatosis-protein arginine N-methyltransferase 5 Axis defines the tumorigenesis and immune response in hepatocellular carcinoma [J]. Hepatology, 2021, 74(4): 1932-1951.

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