

Product Datasheet

MAK683

Catalog No. **BP-01953** · CAS **1951408-58-4** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-02**

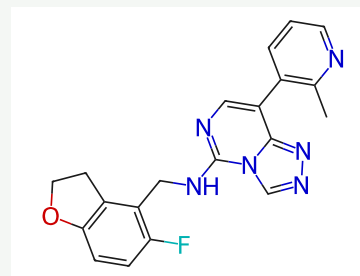
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Target Histone Methyltransferase	Research area Cancer
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Molecular formula **C₂₀H₁₇FN₆O**

Molecular weight **376.3870**

STRUCTURE



DESCRIPTION

MAK683 is an embryonic ectoderm development (EED) inhibitor extracted from patent US20160176882 A1, compound example 2; has IC50s of 59, 89, 26 nM in EED Alphascreen binding, LC-MS and ELISA assay.

BIOLOGICAL ACTIVITY

In Vitro

MAK683 has antiproliferative activities in B cell lymphoma cell KARPAS422 after 14 days of treatment with an IC50 of 30 nM[1].

SOLUBILITY

Soluble in DMSO >50mg/mL; Insoluble in water

REFERENCES

- [1]. Chan, Ho Man, et al. TRIAZOLOPYRIMIDINE COMPOUNDS AND USES THEREOF. US20160176882 A1.
- [2]. Huang D, et al. Binding Modes of Small-Molecule Inhibitors to the EED Pocket of PRC2. Chemphyschem. 2020 Feb 4;21(3):263-271.