

Catalog # 10-4021 EED-226

CAS# 2083627-02-3

N-(Furan-2-ylmethyl)-8-(4-methylsulfonylphenyl)-[1,2,4]triazolol[4,3-c)pyrimidine-5-amine Lot # FBS2065

EED-226 is a potent ($IC_{50} = 23.4 \text{ nM}$) and selective allosteric inhibitor of the EED subunit of the methyltransferase polycomb repressive complex 2 (PRC2).^{1,2} It caused drastic proliferation inhibition in lymphoma cells with EZH2 mutations and caused shrinkage and slower tumor growth in mice using a subcutaneous xenograft model of Karpas422.

- 1) Huang et al. (2017), Discovery of First-in-Class, Potent, and Orally Bioavailable Embryonic Ectoderm Development (EED) Inhibitor with Robust Anticancer Efficacy; J. Med. Chem. **60** 2215
- 2) Qi et al. (2017), An allosteric PRC2 inhibitor targeting the H3K27me3 binding pocket of EED; Nat. Chem. Biol. 13 381

PHYSICAL DATA

Molecular Weight: 369.40

 $\begin{array}{ll} \text{Molecular Formula:} & C_{17}H_{15}N_5O_3S \\ \text{Purity:} & >98\% \text{ by HPLC} \end{array}$

NMR: (Conforms)

Solubility: DMSO (25 mg/ml)
Physical Description: Off-white solid

Storage and Stability: Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Solutions in

DMSO may be stored at -20°C for up to 1 month.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

Focus Biomolecules LLC 400 Davis Drive, Suite 600 Plymouth Meeting PA 19462

www.focusbiomolecules.com