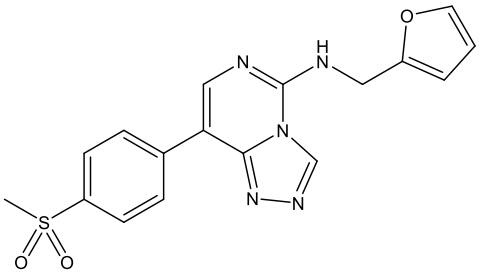
Catalog # 10-4021
EED-226

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 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
Molecular Formula:	$C_{17}H_{15}N_5O_3S$
Purity:	>98% by HPLC
	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.

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

www.focusbiomolecules.com