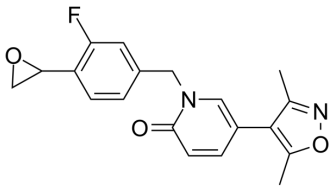
ZEN-3862

Cat. No.:	HY-111978
CAS No.:	1952264-33-3
Molecular Formula:	$C_{19}H_{17}FN_2O_3$
Molecular Weight:	340.35
Target:	Epigenetic Reader Domain
Pathway:	Epigenetics
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 83.33 mg/mL (244.84 mM; Need ultrasonic)

Preparing Stock Solutions	Mass / Solvent / Concentration	1 mg	5 mg	10 mg
	1 mM	2.9382 mL	14.6908 mL	29.3815 mL
	5 mM	0.5876 mL	2.9382 mL	5.8763 mL
	10 mM	0.2938 mL	1.4691 mL	2.9382 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

ZEN-3862 is a BET inhibitor with IC_{50}s of 0.16 and 0.13 μM for BRD4(BD1) and BRD4(BD2) , respectively. ZEN-3862 can be used to form PROTACs to induce degradation of BRD4[1].

IC_{50} & Target	BRD4 (BD1)	BRD4 (BD2)
	0.16 μM (IC_{50})	0.13 μM (IC_{50})

REFERENCES

[1]. Kharenko OA, et al. Design and Characterization of Novel Covalent Bromodomain and Extra-Terminal Domain (BET) Inhibitors Targeting a Methionine. J Med Chem. 2018 Sep 27;61(18):8202-8211.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA