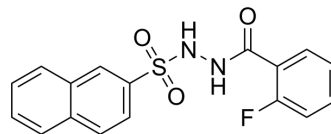


## CTX-0124143

<b>Cat. No.:</b>	HY-136473		
<b>CAS No.:</b>	423731-64-0		
<b>Molecular Formula:</b>	C <sub>17</sub> H <sub>13</sub> FN <sub>2</sub> O <sub>3</sub> S		
<b>Molecular Weight:</b>	344.36		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 125 mg/mL (362.99 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.9039 mL	14.5197 mL	29.0394 mL
	5 mM	0.5808 mL	2.9039 mL	5.8079 mL
	10 mM	0.2904 mL	1.4520 mL	2.9039 mL

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

### BIOLOGICAL ACTIVITY

#### Description

CTX-0124143 is a KAT6A inhibitor with a sulfonyl hydrazine skeleton<sup>[1]</sup>.

### REFERENCES

[1]. Duan Y, et al. Discovery of N-(2-oxoethyl) sulfanilamide-derived inhibitors of KAT6A (MOZ) against leukemia by an isostere strategy. *Eur J Med Chem.* 2023 Nov 15;260:115770.

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

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