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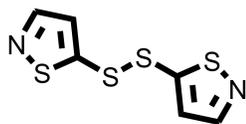
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## NU9056--- KAT5 (Tip60) Histone Acetyltransferase Inhibitor

**Chemical Name:** 1,2-di(isothiazol-5-yl)disulfane



Molecular Weight:	232.37
Formula:	C <sub>6</sub> H <sub>4</sub> N <sub>2</sub> S <sub>4</sub>
Purity:	≥98%
CAS#:	1450644-28-6
Solubility:	DMSO up to 100 mM
Storage	Powder: 4 °C 1 year DMSO: 4 °C 3 month -20 °C 1 year

### Biological Activity:

NU9056 is a selective KAT5 (Tip60) histone acetyltransferase inhibitor that inhibits protein acetylation in prostate cancer cell lines and blocks DNA damage response. NU9056 also decreases proliferation of LNCaP cells and induces apoptosis via caspase activation.

### How to Use:

**In vitro:** NU9056 was used at 24 μM final concentration in vitro and in cellular assays.

**In vivo:** n/a

### Reference:

1. Coffey K, et al. Characterisation of a Tip60 specific inhibitor, NU9056, in prostate cancer. (2012) PLoS One. 7(10):e45539.

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