

## Data Sheet

### Product Information

Catalog Number	BP10378
Product Name	TAI-1
Description	TAI-1 is a potent and specific Hec1 inhibitor, which disrupts Hec1-Nek2 protein interaction.
Targets&IC50	in K562 cells: 13.48 nM (GI50)
In vitro	Cells are seeded in 96 well plates, incubated for 24 hours, compounds added and incubated for 96 hours. All testing points are tested in triplicate wells. Cell viability is determined by MTS assay using CellTiter 96 Aqueous Non-radioactive Cell Proliferation Assay system according to manufacturer's instructions with MTS and PMS. Data retrieved from spectrophotometer are processed in Excel and GraphPad Prism 5 to calculate the concentration exhibiting 50% growth inhibition (GI50). All data represent the results of triplicate experiments.(Only for Reference)
Synonyms	TAI1, TAI 1
CAS No.	1334921-03-7
Chemical Formula	C24H21N3O3S
Molecular Weight	431.51
Solubility	DMSO: 80 mg/mL (185.4 mM) Ethanol: <1 mg/mL; H2O: <1 mg/mL
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure OR Tested Image	
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