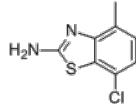


---

<b>Product Name</b>	:	SJ572946
<b>Cat. No.</b>	:	PC-20313
<b>CAS No.</b>	:	78584-09-5
<b>Molecular Formula</b>	:	C <sub>8</sub> H <sub>7</sub> CIN <sub>2</sub> S
<b>Molecular Weight</b>	:	198.67
<b>Target</b>	:	Other Targets
<b>Solubility</b>	:	10 mM in DMSO



## Biological Activity

SJ572946 is a small molecule **BAK** activator, binds to the activation groove of BAK and selectively triggers BAK activation over that of BAX in liposome and mitochondrial permeabilization assays.

In combination with apoptotic inducers and BH3 mimetics, SJ572946 kills experimental cancer cell lines.

SJ572946 also cooperates with the endogenous BAK activator BID in activating a misfolded BAK mutant substantially impaired in activation.

## References

Giridhar Sekar, et al. *iScience*. 2022 Sep 6;25(10):105064.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

E-mail: [tech@probechem.com](mailto:tech@probechem.com)

---