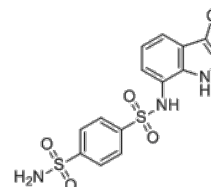


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<b>Product Name</b>	: Indisulam
<b>Cat. No.</b>	: PC-62314
<b>CAS No.</b>	: 165668-41-7
<b>Molecular Formula</b>	: C <sub>14</sub> H <sub>12</sub> ClN <sub>3</sub> O <sub>4</sub> S <sub>2</sub>
<b>Molecular Weight</b>	: 385.85
<b>Target</b>	: Cyclin-dependent Kinase (CDK)
<b>Solubility</b>	: 10 mM in DMSO



## Biological Activity

Indisulam (E7070) is potent, sulfonamide, cell-cycle inhibitor that possesses antiproliferative activities, causes decrease in the S phase fraction along with G1 and/or G2 accumulation in various cancer cell lines.

Indisulam (E7070) targets splicing by inducing RBM39 degradation via recruitment to DCAF15

Indisulam causes blockade in the G1/S transition through inhibition of the activation of both **CDK2** and cyclin E, shows activity in multiple tumor types, most prominently in colon and lung cancer.

## References

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- Owa T, et al. J Med Chem. 2002 Oct 24;45(22):4913-22.
- Ozawa Y, et al. Eur J Cancer. 2001 Nov;37(17):2275-82.
- Tsukahara K, et al. Mol Pharmacol. 2001 Dec;60(6):1254-9.

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

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