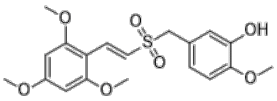
ProbeChem®
*Expedite Your Scientific Research*

WWW.PROBECHEM.COM

# Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.



| | | |
|---|---|---|
| **Product Name** | : | ON013100 |
| **Cat. No.** | : | PC-28695 |
| **CAS No.** | : | 865783-95-5 |
| **Molecular Formula** | : | $C_{19}H_{22}O_7S$ |
| **Molecular Weight** | : | 394.44 |
| **Target** | : | Cyclin-dependent Kinase (CDK) |
| **Solubility** | : | 10 mM in DMSO |

## Biological Activity

ON013100 (ON-013100) is a small molecule **mitotic** inhibitor, potently inhibits the expression of CDK4, p53, mouse double minute 2 (MDM2), and Cyclin D, as well as increases cyclin B expression, alteres the growth and cell cycle status of MCL lines.

## References

Park IW, et al. ***Oncogene***. 2007 Aug 16;26(38):5635-42.

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

E-mail: tech@probechem.com